CA-Culprit™

Messages and Codes
15.0

Computer Associates

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How to Use This Manual

What this manual contains

- Descriptions of codes and messages produced by CA-Culprit
- Descriptions of messages produced by the CA-Culprit Extended Error Handling Facility, which you can use to diagnose runtime errors
- Descriptions of statistical reports and hexadecimal dumps that indicate how CA-Culprit retrieved and processed information
- Listings of abend and RSUB codes generated by CA-Culprit

Who should use this manual

- **All CA-Culprit users**, including those using non-Computer Associates files or database management systems, such as LIFE70 and IMS
- **CA-EDP AUDITOR users**
- **Database administrators (DBAs) and data dictionary administrators (DDAs)** responsible for running Computer Associates System Software reports, such as DREPORTs and JREPORTs

How information is presented

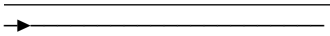
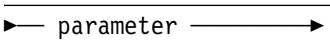
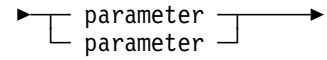
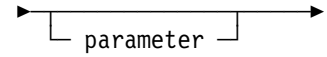
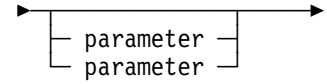
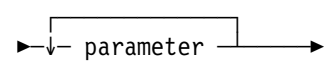
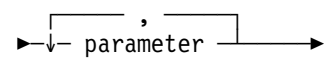
Users can look up a message by its message ID in Chapter 3, “CA-Culprit Messages” on page 3-1.

Related documentation

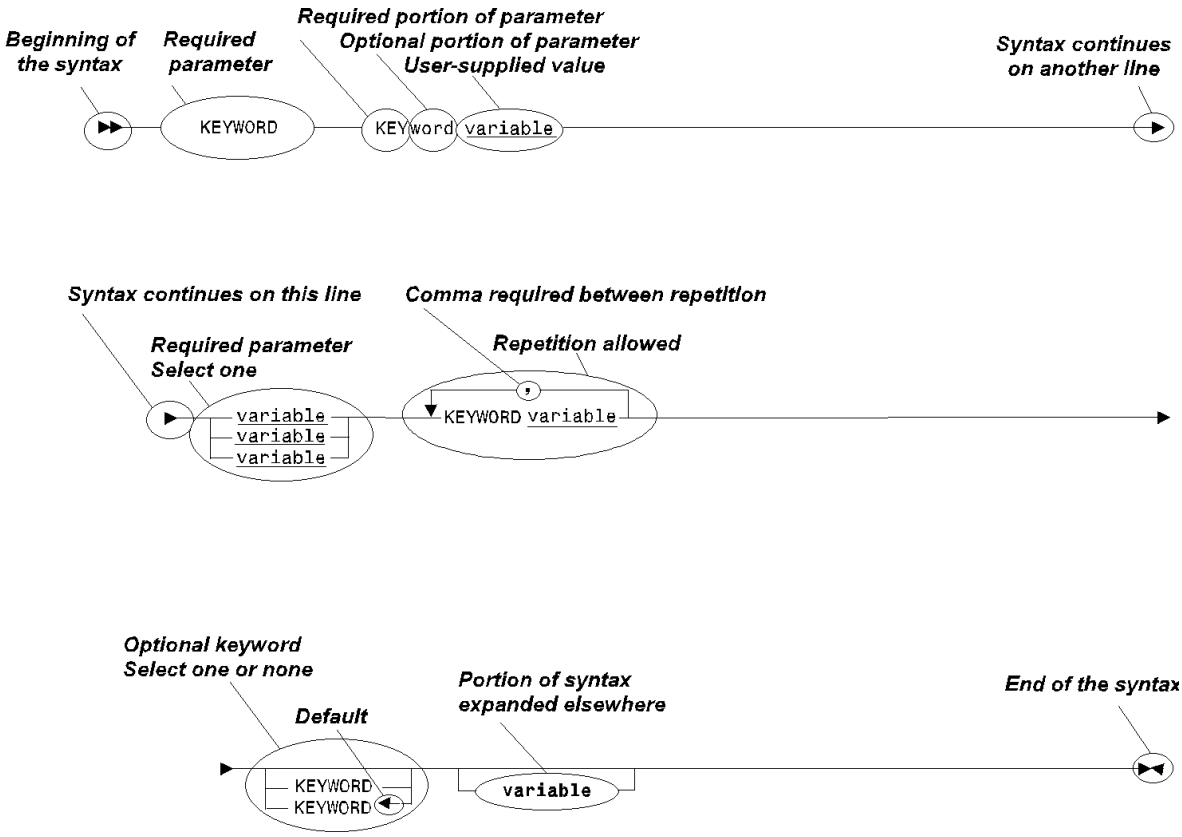
- **For the CA-Culprit programmer**:
  - *CA-Culprit Reference*
  - *CA-Culprit User Guide*
  - *CA-Culprit User Modules*
  - *CA-Culprit Reference*
  - *CA-Culprit supplements*
- **For the DBA and DDA**:
  - *CA-IDMS Reports*
  - *CA-IDMS Messages and Codes*
- **For the EDP AUDITOR programmer**:
  - *CA-EDP AUDITOR Library of Routines User's Guide*

Understanding syntax diagrams

Look at the list of notation conventions below to see how syntax is presented in this manual. The example following the list shows how the conventions are used.

UPPERCASE OR SPECIAL CHARACTERS	Represents a required keyword, partial keyword, character, or symbol that must be entered completely as shown.
lowercase	Represents an optional keyword or partial keyword that, if used, must be entered completely as shown.
underlined lowercase	Represents a value that you supply.
◄	Points to the default in a list of choices.
lowercase bold	Represents a portion of the syntax shown in greater detail at the end of the syntax or elsewhere in the document.
	Shows the beginning of a complete piece of syntax.
	Shows the end of a complete piece of syntax.
	Shows that the syntax continues on the next line.
	Shows that the syntax continues on this line.
	Shows that the parameter continues on the next line.
	Shows that a parameter continues on this line.
	Shows a required parameter.
	Shows a choice of required parameters. You must select one.
	Shows an optional parameter.
	Shows a choice of optional parameters. Select one or none.
	Shows that you can repeat the parameter or specify more than one parameter.
	Shows that you must enter a comma between repetitions of the parameter.

Sample syntax diagram



Chapter 1. Introduction

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1.1 What's in this chapter?

Chapter contents: CA-Culprit produces diagnostic messages and reports that help you locate and correct errors in your Culprit code or input data. This chapter introduces:

- The types of diagnostic information CA-Culprit generates
- The Culprit listings on which the information appears
- Error-handling options for printing messages

1.2 Types of diagnostic information

CA-Culprit generates the following types of diagnostic messages and statistical reports:

- Culprit messages
- Extended Error Handling Facility messages
- Abend codes
- RSUB codes
- Culprit listings

Culprit messages: Culprit messages document Culprit errors that occur during all phases of Culprit processing. Each message has an associated message ID in the form **C*nnnnnn***.

►► Chapter 2, “How to Read a CA-Culprit Message” on page 2-1 describes these messages in more detail and describes each message that CA-Culprit produces.

EEHF messages: Extended Error Handling Facility (EEHF) messages document runtime errors that occur due to defective data.

►► Chapter 4, “Extended Error Handling Facility” on page 4-1 describes these messages in more detail and presents a Culprit report listing for each type of message.

Abend codes: Abend codes indicate why a Culprit job terminates abnormally.

►► Chapter 5, “Abend Codes” on page 5-1 lists each abend code that CA-Culprit generates and its associated message.

RSUB codes: RSUB codes indicate why CA-Culprit failed to access a data table.

►► Chapter 6, “RSUB Codes” on page 6-1 provides a table of each code and its associated description.

Culprit listings: Culprit listings for runs that consolidate tables and end-of-file statistics document how CA-Culprit processed input and output data for the run. These reports appear in 1.3, “Types of listings” on page 1-5, below.

1.3 Types of listings

The table below describes Culprit listings and provides the phase of Culprit processing when they are generated:

Listing	What it does	Phase
Sequential Parameter	Lists the Culprit parameters submitted for the job.	CULP0
Input Parameter	Lists the parameters sorted according to the Culprit internal parameter sort routine and includes default values supplied by CA-Culprit	CULL
Run Time Messages	Lists statistics that result from processing the input and output data, such as the number of records selected for processing and the number written for a particular report.	CULL and CULE
Culprit controller messages	Lists the occurrence of a canceled 1-step Culprit job	All

Each of these listings is described in detail below.

▸▸ For more information about the Culprit processing phases, see the *CA-Culprit Reference Guide*.

1.3.1 Sequential Parameter Listing

CA-Culprit generates the Sequential Parameter Listing during the precompile phase of processing. The listing prints the Culprit parameters in the order they are submitted. The listing also shows the parameters that are copied from stored code by using the USE, =COPY, or =MACRO parameters.

CA-Culprit produces two types of messages on the Sequential Parameter Listing:

- **Error messages** report the location of syntax errors. Generally, CA-Culprit underscores the error with asterisks (*).
- **Informational errors**, such as whether CA-Culprit was installed with security on or off.

The report below shows an example of the Sequential Parameter Listing:

```
03/31/99                SEQUENTIAL PARAMETER LISTING     CAGJF0 V15.0  PAGE     1


00 ** SYSIN **                          DATABASE DICTNAME=TSTDICT
   ┌──►                                 PROFILE USER=DOC1 PW=
   │C200138 INSTALLATION SECURITY OPTION IS NO
   │                                     IN DB SS=EMPSS01,EMPSCHM,100
┌──┤C200084 Culprit/DIRECTORY INTERFACE - IDMS 15.0 Culprit 15.0
│  │C200175 DICTIONARY SECURITY OPTION IS OFF
│  │C200186 AUTO-ATTRIBUTES IS OFF
│  └──►                                 PATHAA DEPARTMENT EMPLOYEE EMPOSITION
│                                       PATHBB DEPARTMENT EMPLOYEE OFFICE
│                                       01OUTPUT TABLE=EMP-TABLE TYPE=CREATE ONLINE=YES CATALOG=ASFDICT
│                                       010 EMPLOYEE-ID
│                                       0151*001 EMP-ID-0415        FN IX=A
│                                       0151*002 EMP-NAME-0410      SZ= 20
│                                       0151*003 START-YEAR-0415
│                                       0151*004 DEPT-HEAD-ID-0410  FN
Informational                           0151*005 DEPT-ID-0410       FN
  messages                              0151*006 SALARY-AMOUNT-0420 FP
                                        0151*007 OFFICE-CODE-0450
                                        017001 IF DEPT-ID-0410 NE (4000 5200) DROP
                                        017003 IF EMP-ID-0415 EQ EMPLOYEE-ID   DROP
                                        017005 MOVE EMP-ID-0415 TO EMPLOYEE-ID
  E C200106 FIELD NAME UNKNOWN TO DICTIONARY - EMP-NAME-0410 ◄─┐
                                                               │
                                                    Error message indicating
                                                    an unknown field name.
```

1.3.2 Input Parameter Listing

CA-Culprit generates the Input Parameter Listing during the compile phase of Culprit processing. The Input Parameter Listing shows:

- **Culprit parameters** in an order determined by Culprit standard sort. It includes both user-supplied and Culprit-supplied parameters and default values assumed by CA-Culprit.
- **Internal code** generated by CA-Culprit in response to compound arithmetic or conditional expressions.

Locations messages are printed: The Input Parameter Listing prints messages in these locations:

- Below parameters that are in error
- At the end of the Input Parameter Listing for each report
- Before the Run Time Messages listing, printing a message that indicates whether CA-Culprit will read the input data for the Culprit job

The report below shows an example of an Input Parameter Listing:

```
03/31/99                    INPUT PARAMETER LISTING        CAGJF0 V15.0  PAGE     2


********
WORK     LENGTH   WORK-FIELD-NAME    OCCURRENCES  DECIMAL POINT AND VALUE
********
01  0   008       EMPLOYEE-ID         0

********
OUTPUT   DATA TABLE
********
01 OUT  TABLE-NAME:      EMP-TABLE
        FUNCTION TYPE:   CREATE    DETAILS ONLY           COMMIT:        100
        LR-NAME:         EMP-TABLE                        SUBSCHEMA:  RU000338
        USER:            DOC1                             OWNER:      DOC1
        CATALOG:         ASFDICT                          SYSCTL:     SYSCTL          LOCATION:
        AREA:            IDMSR-AREA2                      COMMENT:
        SIZE- PRIMARY:             SECONDARY:             MAXIMUM:
        ONLINE: Y        DISPLAY: Y       LOAD: Y         CHANGE: Y         ERASE: Y
********
EDIT     LINE CC COLUMN  VALUE OR FIELD-NAME AND EDIT OPTIONS...
********

 01  5     1       *001   EMP-ID-0415         FN
 01  5     1       *002   EMP-NAME-0410       SZ=0020
E C300032 FIELD IS UNDEFINED  <------------------------------------ Error message indicates
 01  5     1       *003   START-YEAR-0415                          EMP-NAME-0410 is not defined.
 01  5     1       *004   DEPT-HEAD-ID-0410   FN
 01  5     1       *005   DEPT-ID-0410        FN
 01  5     1       *006   SALARY-AMOUNT-0420  FP
 01  5     1       *007   OFFICE-CODE-0450

********
PROCESS USER   INTERNAL
        LABEL  SEQUENCE     PROCESS STATEMENT
********
 01  7  001        1    $ IF DEPT-ID-0410 NE (4000 5200) DROP
 01  7             2    DEPT-ID-0410        NE        4000      INTSEQ-4
 01  7             3    B         INTSEQ-5
 01  7             4    DEPT-ID-0410        NE        5200      DROP
 01  7             5    $
 01  7  003        6    $ IF EMP-ID-0415 EQ EMPLOYEE-ID   DROP
 01  7             7    EMP-ID-0415         EQ        EMPLOYEE-ID         DROP
 01  7  005        8    M         EMP-ID-0415         EMPLOYEE-ID
E C300055 E-LEVEL ERRORS - REPORT NOT PROCESSED
F C300019 E-LEVEL ERRORS - EXTRACT NOT PERFORMED  <---------------------- Fatal error indicates that CA-Culprit will
                                                                           not read the input data for the job.
```

1.3.3 Runtime messages

CA-Culprit generates run time messages during two phases:

- **Extract phase** — Messages and statistics appear in the Run Time Messages listing.
- **Output phase** — Messages and statistics appear in the body of the report when a processing problem occurs and at the end of the report output.

Extract Phase Messages and Statistics: The extract phase produces the following messages and statistics on the Run Time Messages listing:

- Runtime messages
- End-of-file statistics

Runtime messages: Runtime messages result from processing input data from a single file, multiple files, database records, and tables.

►► Some errors are followed by additional information provided by the Extended Error Handling Facility, as described in Chapter 4, “Extended Error Handling Facility” on page 4-1.

The report below shows a sample runtime message and some additional information provided by the Extended Error Handling Facility:

```
04/17/99           RUN TIME MESSAGES           CAGJF0 V15.0  PAGE    25


  C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
  ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   2

  MOST RECENT SUBSCRIPT VALUE            0

  INPUT BUFFER NUMBER           25

  RECORD BUFFER DUMP

              CHAR   900BLYNN      ASLING                                                  000000000   22222222B0 0 0 0
              ZONE   FFFCDEDD444444CEDCDC444444444444444444444444444444444444444444444444444444444FFFFFFFFFC44FFFFFFFCFCFCFCFC
              DIGIT  900238550000001239570000000000000000000000000000000000000000000000000000000000000022222222200000000
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
              CHAR   0 0 0 0 0 999I                                MEN.C0600.MCK.EMP                  &       H   G
              ZONE   FCFCFCFCFCFFFC4444444444444444449B15007DCD4CFFFF4DCD4CDD444444444444444080008054 0A3000C000C0009022E
              DIGIT  000000000099990000000000000000000D68840455B30600B432B54700000000000000000006B009146000800070010033 0
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   ********************

   C350033 NUMBER OF EXTRACT DATA ERRORS HAS EXCEEDED     25
   C350037 MESSAGES SUPPRESSED UNTIL END OF FILE

   ********************

***********  END OF FILE  ******************************************************
         61 INPUT RECORDS READ
        61 DATA ERRORS OCCURRED IN EXTRACT LOGIC  <------------ Runtime statistics
        61 ERRORS IN REPORT 01
```

Additional information provided by the Extended Error Handling facility.

End-of-file statistics: End-of-file statistics summarize how input records were processed during the extract phase. CA-Culprit generates these end-of-file statistics:

- SELECT/BYPASS statistics
- Data table update statistics
- Single file extract statistics
- End-of-match statistics
- CA-IDMS/DB database extract statistics

SELECT/BYPASS statistics: SELECT/BYPASS statistics indicate how many records:

- Were tested for particular selection criteria
- Failed the test and whether the test failed due to numeric or subscript errors

The report below shows an example of SELECT/BYPASS statistics:

```
03/31/99       INPUT PARAMETER LISTING          CAGJF0 V15.0  PAGE     2


********
SEL/BYP  REF       CONDITION
********
 SEL            $     DEPARTMENT WHEN DEPT-ID-0410 EQ (4000 5200)
 SEL    00001      DEPT-ID-0410        EQ        4000 <-┐
 SEL    00002      DEPT-ID-0410        EQ        5200 <-┘  CA-Culprit assigns a reference number
                                                          to each portion of a SELECT/BYPASS expression.




03/31/99             RUN TIME MESSAGES            CAGJF0 V15.0  PAGE     1


  EMPOSITION                  15
  OFFICE                      13


***********  END OF FILE  ******************************************************

          28 INPUT RECORDS READ

         SELECTION SPECIFICATION STATISTICS

         BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
         REFERENCE     TESTED       TRUE      FALSE     ERRORS     ERRORS
          NUMBER
              1            14          2         12          0          0
              ↑
              |
              |
              This reference number is
              assigned by CA-Culprit in
              the Input Parameter Listing.
```

Data table update statistics: Data table update statistics indicate:

- The type of operation performed on a specific data table
- The status of the table definition (that is, generated or requires generation)
- The number of rows copied or stored

The report below shows an example of data table update statistics appearing in the Run Time Message listing:

```
03/31/99                RUN TIME MESSAGES        CAGJF0 V15.0  PAGE    1


***********  END OF FILE  *******************************************************

          28 INPUT RECORDS READ


         SELECTION SPECIFICATION STATISTICS

         BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
         REFERENCE     TESTED       TRUE      FALSE     ERRORS     ERRORS
          NUMBER
              1            14          2         12          0          0


  ┌──► DATA TABLE UPDATE STATISTICS
  │                                                          TABLE            ROWS
  │     REPORT     FUNCTION         LR-NAME                DEFINITION        STORED
  │     ------     --------         -------                ----------        ------
  │
  │       01        CRE        EMP-TABLE                 GENERATED              13
  │
  └
 CA-Culprit reports that it has created, generated,
 and stored 13 rows in table EMP-TABLE.
```

Single file extract statistics: Single file extract statistics record the number of input records that were read from a single input file. The report below shows an example of single file extract statistics:

```
04/29/99                RUN TIME MESSAGES       CAGJF0 V15.0  PAGE     1


**********  END OF FILE  ******************************************************

          61 INPUT RECORDS READ
          ↑
          |
          |
          |
          CA-Culprit read 61 input records for the job.
```

End-of-match statistics: End-of-match statistics record the number of records that were:

- Read from each file used in the match-file run
- Out of sequence

The end-of-match messages appear immediately before the end-of-file statistics on the Runtime Messages page, as shown in the report below:

```
04/29/99            RUN TIME MESSAGES          CAGJF0 V15.0  PAGE    25

  ***********  END OF MATCH  ***********

  NUMBER OF RECORDS RETURNED FOR     -- SYS010   --        57

  NUMBER OF RECORDS RETURNED FOR     -- SYS011   --        37
                                          ↑
                                          |
                                     CA-Culprit read 57 input records from the
                                     SYS010 file and 37 from the SYS011 file.
```

Errors produced by the Extended Error Handling Facility also appear in this listing for all out-of-sequence records.

►► For more information about errors produced by the Extended Error Handling Facility, see Chapter 4, "Extended Error Handling Facility".

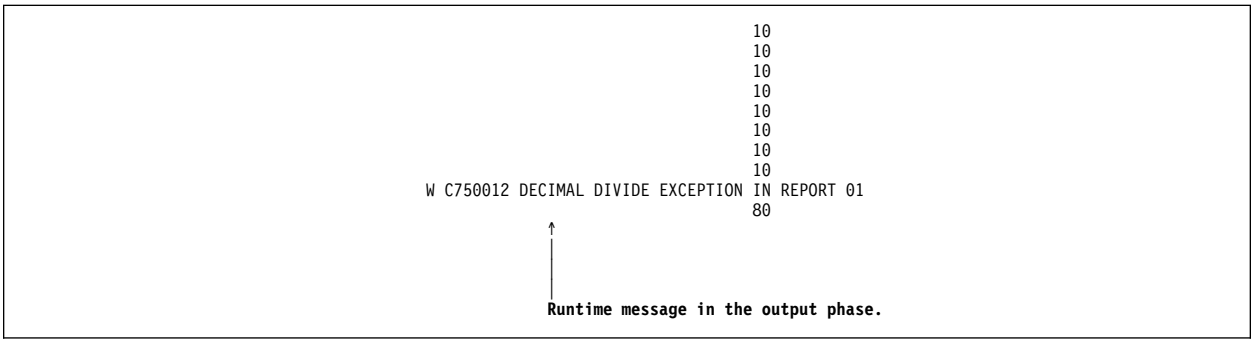
IDMS database extract statistics: CA-IDMS/DB database extract statistics document the number of strings that are returned for each path defined on a PATH parameter. This information immediately precedes end-of-file messages on the Run Time Messages page. The statistics also include the number of records of each type that are read on all paths, as shown in the report below:

```
03/31/99               RUN TIME MESSAGES        CAGJF0 V15.0  PAGE     1


  IDMS DATABASE EXTRACT STATISTICS
  STRINGS RETURNED FOR PATH AA -          15 <---------------- CA-Culprit returned 15 strings for path AA,
  STRINGS TRUNCATED BY SELECTION CRITERIA         12             12 of which failed the selection criteria.
  STRINGS RETURNED FOR PATH BB -          13
  STRINGS TRUNCATED BY SELECTION CRITERIA         12
  RECORD NAME       NUMBER READ
 DEPARTMENT                 14
 EMPLOYEE                   13 <---------------- CA-Culprit reports the number of
 EMPOSITION                 15                    record occurrences it processed
 OFFICE                     13                    for each type of record.

**********  END OF FILE  **************************************************

         28 INPUT RECORDS READ
```

Output phase messages and statistics: The output phase produces runtime messages and statistics:

- Runtime messages
- Runtime statistics

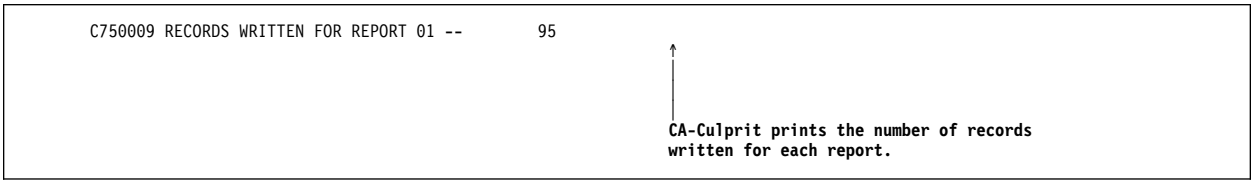
Runtime messages: Runtime messages document report processing problems that occur during the Culprit output phase of processing. These messages print in the report output where the problem occurs, as shown in the report below:



Messages for nonprinted reports print after a printed report, if any.

By establishing a limit in the OE= specification on the PROFILE parameter, you can control the number of printed messages.

Runtime statistics: Runtime statistics document the number of records written for each report. The statistics appear at the top of a new page following the printed report:



1.3.4 Culprit controller messages listing

CA-Culprit produces controller messages when it executes an OS/390 or VM/ESA 1-step Culprit job. The controller messages document when a job cancels due to a:

- System abend
- User abend
- User-specified return code

The messages print on a separate page, following all other messages.

The table below lists the Culprit controller messages:

Type of termination	Job return code	Error message
System abend	99	F CULPRIT JOB CANCELLED AFTER program-name (CONT) SYSTEM ABEND = code
User abend	Abend code from phase	F CULPRIT JOB CANCELLED AFTER program-name (CONT) USER ABEND OR RETURN CODE = code
User- specified return code	Return code from phase	F CULPRIT JOB CANCELLED AFTER program-name (CONT) USER ABEND OR RETURN CODE = code

The report below shows an example of a CULPRIT controller message:

```
CULPRIT CONTROLLER MESSAGES
F C700007 CULPRIT JOB CANCELLED AFTER CULE
  (CONT) SYSTEM ABEND CODE= 0C1
```

1.4 Error-Handling options

You can control error message printing and system recovery by coding error-handling options on the PROFILE parameter. the table below summarizes these options.

▸▸ For more information about the PROFILE parameter and ways to control error messages, see the *CA-Culprit Reference Guide*.

Keyword	Description
EX=	■ Specifies whether E-level errors can occur without canceling the extract phase (options W and E) ■ Instructs CA-Culprit to validate the parameters without reading the input data (option NO)
RC=	Specifies a return code associated with four severity codes: I, W, E, and F. You can use the return codes to control job processing.
SE=	Specifies the maximum number of numeric errors reported by EEHF* during SELECT/BYPASS parameter processing.
ME=	Specifies the maximum number of numeric errors reported by EEHF during a match-file run.
EE=	Specifies the maximum number of numeric errors reported by EEHF during the extract phase.
IE=	Specifies the maximum number of numeric errors reported by EEHF during execution of a user input module.
PE=	Specifies the maximum number of numeric errors reported by EEHF during execution of a user procedure module.
OE=	Specifies the maximum number of numeric error reported by EEHF during the output phase.
HD=	Specifies a vertical (V) or horizontal (H) format for hexadecimal dumps produced by EEHF. * EEHF = the Extended Error Handling Facility

Chapter 2. How to Read a CA-Culprit Message

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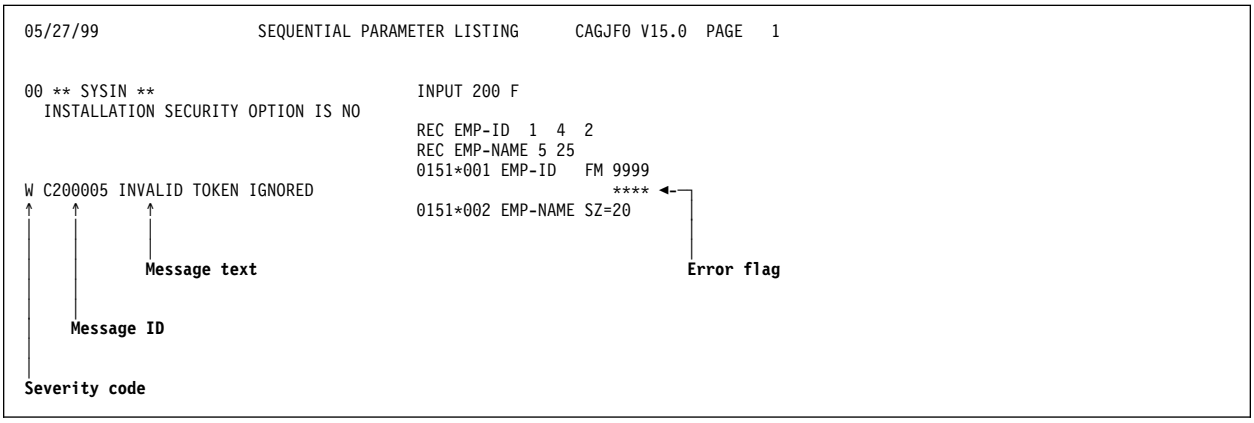
2.1 Contents of a CA-Culprit message

Message contents: The report below shows an example of a CA-Culprit message as it appears in a CA-Culprit job. It contains:

- A message identifier
- A severity code
- Message text
- An error flag

Other messages can also include variable information supplied at runtime.

Sample message: Below is a sample CA-Culprit message:



2.1.1 Message identifiers

The message identifier prints to the left of the CA-Culprit message. Its form is C*nnnnnn*, where *nnnnnn* is a number. The messages in this chapter are grouped by the first three digits of this number; for example, as Range 200 messages.

2.1.2 Severity codes

Most, but not all, messages have an associated **severity code**. The severity code indicates the severity of the message. For example, severity code I is an informational message that does not interrupt processing, while severity code F is a fatal message that causes the job to terminate. The table below lists the severity codes that CA-Culprit prints.

Sev. code	Meaning	Description	Corrective action
I	Informational	Describes normal CA-Culprit procedures and statistics. For example, informational messages tell you a table has been generated and how many records were read from an input file.	None required
W	Warning	Describes possible program errors caused by entries on user-supplied parameters. CA-Culprit continues to execute the job.	You determine
E	Error	Describes an error that prevents one or more reports from being produced. The effect of the error depends on the scope of the error. If the error affects only one report in the run, CA-Culprit produces the remaining reports provided both of the following conditions are true: ■ The other reports contain no E- or F-level messages. ■ The PROFILE parameter or installation default specifies EX=E.	Must be corrected
F	Fatal	Stops all input file processing and prevents all reports from being produced.	Must be corrected

2.1.3 Message text

CA-Culprit prints the **message text** to the left of the message ID. The text indicates the nature of the error. In most cases, you can determine why the error occurred by the message text.

2.1.4 Error flag

To help locate and correct errors in user-supplied parameters, CA-Culprit prints some error messages with asterisks that underscore invalid items. These are **error flags**. The report below shows a sample Sequential Parameter Listing containing an invalid entry that is underscored with asterisks:

```
05/27/99          SEQUENTIAL PARAMETER LISTING  CAGJF0 V15.0  PAGE     1


00 ** SYSIN **                            INPUT 200 F
  INSTALLATION SECURITY OPTION IS NO
                                          REC EMP-ID  1  4  2
                                          REC EMP-NAME 5 25
                                          0151*001 EMP-ID   FM 9999
W C200005 INVALID TOKEN IGNORED                              **** ◄-┐
                                          0151*002 EMP-NAME SZ=20    │
                                                                     │
                                                                     Error flag
```

2.1.5 Variable data

CA-Culprit gives you specific information related to your job. For example, if the INPUT parameter and JCL define a file differently, CA-Culprit prints the information that is different. In the example below, the record length was different:

```
W C350013 DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR SYS010
  (CONT) DCBLRECL =     200
  (CONT) SPECIFIED RECORD SIZE =     100 ◄ Variable data
  (CONT) SHORTER LENGTH USED
```

Chapter 3. CA-Culprit Messages

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3.1 What's in this chapter?

This chapter contains a list describing all the messages CA-Culprit prints. The list is organized by message ID ranges (000, 100, 200 and so on). Each message description in the list contains the following information:

- Message ID
- Message text
- Description
- Severity code
- Modules (If any)

Message ID: The message ID is located in the left-hand margin.

Message text: The message text, as CA-Culprit displays it, appears in bold, to the right of the message ID.

Description: A description of the message follows the message text. If the message applies to more than one severity code, the description associated with the least severe code appears first, followed by descriptions that apply to codes of increasing severity.

Severity code: The severity code associated with the message appears in bold, beneath the message description. For messages without a severity code, an asterisk is shown.

Modules: The module or modules associated with the message appears in bold, beneath the severity code. This information is provided to assist Computer Associates Technical Support. A module is not listed for every message.

3.2 Range 000 messages

Message ID	Message
C000001	**CALL CANCELLED, 25 MODULES HAVE ALREADY BEEN CALLED** CULLUS00 encountered an error in procedure logic caused by an attempt to access more than 25 user-written modules. **Severity: *** **Modules: CULLUS00**
C000002	**ARG X TOO LARGE. VALUE = 999999999999912345678** CULLUS00 automatically converts packed decimal arguments to floating point before calling a FORTRAN procedure module. It converts these arguments back to packed decimal when it returns from the FORTRAN procedure module. This message indicates that the value in ARG X exceeds 18 decimal digits. **Severity: *** **Modules: CULLUS00**
C000003	**LOAD FAILED. RC = XX'** **VSE/ESA users only** — CA-CULPRIT was not able to load the user module successfully. **Severity: F** **Modules: CULLUS00**
C025001	**VSAM OPEN ERROR. DDNAME=***ddname* **R15=X'***contents***'** CODE=*return-code* CULLUS25 could not open the VSAM file specified on the DDNAME= keyword expression. After receiving the request to open the file, the module prints the contents of both Register 15 and the error field in the ACB. Typically, this type of error occurs when the DDNAME= keyword is missing. An abend code of 12 follows this message. For a definition of *return-code*, see appropriate VSAM publications. **Severity: F** **Modules: CULLUS25**
C025002	**ARG 1 (CONVERSION CODE) VALUE *arg1-code* (=x'conversion-code)** IS INVALID CULLUS25 expects a 1-character alphanumeric conversion code in ARG1 (that is, *conversion-qv*), but found an invalid specification. Before CULLUS25 cancels the job, CA-CULPRIT prints the invalid value in character and hexadecimal formats. **Severity: F** **Modules: CULLUS25**

Message ID	Message
C025003	**ARG 2 (KEY LENGTH) VALUE *arg2-code* INVALID FOR** NUMERIC DATA TYPE CULLUS25 expects ARG2 (that is, *search-v*) to specify an 8-byte numeric work field containing a value of 0 or greater. **Severity: F** **Modules: CULLUS25**
C025004	**ARG 4 (RETURN RECORD LENGTH) INVALID OR NOT SET** CULLUS25 encountered an error associated with ARG4 (that is, *length-vn*), as follows: ■ No argument is specified. ■ An argument with a value less than or equal to 0 or greater than 32,767 is specified. **Severity: F** **Modules: CULLUS25**
C025005	**VSAM LOGICAL ERROR. CODE=X'***vsam-feedback-code***'** DDNAME=*'user-ddname'* While attempting to retrieve the VSAM file specified in the DDNAME parameter, CULLUS25 encountered a logical VSAM error that prevents further processing. Before processing is terminated, CA-CULPRIT prints a VSAM feedback code, in hexadecimal format, to aid the user in debugging. See the appropriate VSAM publications for a definition of *vsam-feedback-code*. **Severity: F** **Modules: CULLUS25**
C025006	**VSAM PHYSICAL ERROR. CODE=X'***vsam-feedback-code***'** While attempting to retrieve records from a VSAM file, CULLUS25 detected a physical error that prevents further processing. Before terminating processing, CA-CULPRIT prints a VSAM feedback code, in hexadecimal format, to aid the user in debugging. See the appropriate VSAM publications for a definition of *vsam-feedback-code*. **Severity: F** **Modules: CULLUS25**

Message ID	Message
C025007	**ERROR IN *vsam-macro* R15=X'*contents*'** While attempting to retrieve records directly from a VSAM file, CULLUS25 detected either an internal error associated with the physical record or a logical record associated with VSAM software. Before processing is terminated, the module prints the VSAM macro under execution, along with a return code from Register 15. **Severity: F** **Modules: CULLUS25**
C025008	**FAILURE IS "GET". R15=X'04'** While attempting to retrieve records from a key- or entry-sequenced VSAM file, CULLUS25 detected either an internal error associated with the physical record or a logical record associated with VSAM software. Before processing is terminated, the module prints X'04' in Register 15. To correct this error, see your on-site VSAM systems support person. **Severity: F** **Modules: CULLUS25**
C045001	**ARG1 (SENDING FIELD ADDRESS) NOT INITIALIZED** CULLUS45 expected the name of a REC parameter or work field in ARG1 (that is, *send-field-qv*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS45**
C045002	**ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED** CULLUS45 expected the name of a receiving field (that is, *receive-field-qv*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS45**
C045003	**ARG3 OR ARG4 (LENGTH) NOT IN 8 BYTE PACKED FIELD** CULLUS45 expected 8-byte numeric work fields in ARG3 and ARG4 (that is, *send-length-qvn* and *receive-length-vn*, respectively), but the module found invalid values. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS45**

Message ID	Message
C045004	**ARG3 OR ARG4 (LENGTH) IS NEGATIVE** CULLUS45 expected a positive 8-byte numeric work field in ARG3 or ARG4 (that is, *send-length-qvn* or *receive-length-vn*, respectively), but the module found a negative value in one or both fields. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS45**
C046001	**ARG1 (START ADDRESS) NOT INITIALIZED** CULLUS46 expected the name of a work field in ARG1 (that is, *search-field-name*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**
C046002	**ARG2 (SEARCH CHARACTER ADDRESS) NOT INITIALIZED** CULLUS46 expected an alphanumeric literal in ARG2 (that is, *search-character-qv*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**
C046003	**ARG3 (LENGTH RETURN ADDRESS) NOT INITIALIZED** CULLUS46 expected an 8-byte numeric work field in ARG3 (that is, *range-name*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**
C046004	**ARG4 (SEARCH LENGTH ADDRESS) NOT INITIALIZED** CULLUS46 expected a numeric literal or 8-byte numeric work field in ARG4 (that is, *search-length-vn*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**

Message ID	Message
C046005	**ARG3 OR ARG4 (LENGTHS) NOT 8 BYTE PACKED** CULLUS46 expected 8-byte numeric work fields in ARG3 and ARG4 (that is, *range-name* and *search-length-vn*, respectively), but the module found invalid values in one or both fields. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**
C046006	**ARG4 (SEARCH LENGTH) IS NEGATIVE** CULLUS46 expected a positive numeric literal or 8-byte numeric work field in ARG4 (that is, *search-length-vn*), but the module found a negative specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS46**
C048001	**ARG1 NOT INITIALIZED** CULLUS48 encountered no specification in ARG1 (that is, *message-qv*). Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS48**
C050001	**ARG1 (BIT STRING ADDRESS) NOT INITIALIZED** CULLUS50 expected an input or work field in ARG1 (that is, *start-bit-field*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS50**
C050002	**ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED** CULLUS50 expected the name of a result field in ARG2 (that is, *target-field-name*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS50**

Message ID	Message
C050003	**ARG3 (LENGTH) NOT INITIALIZED** CULLUS50 expected an 8-byte numeric work field in ARG3 (that is, *bit-count-vn*), but the module found no specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS50**
C050004	**ARG3 (LENGTH) NOT IN 8 BYTE PACKED FIELD** CULLUS50 expected a numeric work field in ARG3 (that is, *bit-count-vn*), but the module found an invalid specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS50**
C050005	**ARG3 (LENGTH) IS NEGATIVE OR 0** CULLUS50 expected a positive numeric literal or 8-byte numeric work field in ARG3 (that is, *bit-count-vn*), but the module found a negative or zero specification. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS50**
C062001	**LENGTH OF ALPHA TABLE ENTRIES EXCEEDS 256** CULLUS62 encountered a length specification for alphunumeric table entries in ARG3 (that is, *entry-length-vn*), that exceeds the module's limit of 256. Correct the CA-CULPRIT code and resubmit the job. **Severity: F** **Modules: CULLUS62**
C062002	**LENGTH OF NUMERIC TABLE ENTRIES NOT 8 OR 16** CULLUS62 accepts either 8 or 16 for the length of numeric table entries in ARG3 (that is, *entry-length-vn*). Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS62**

Message ID	Message
C062003	**MORE THAN 32767 ENTRIES IN TABLE** CULLUS62 encountered a specification for table entries in ARG4 (that is, *entry-count-vn*) that exceeds the module's limit of 32,767. Correct the CA-CULPRIT code and resubmit the job. **Severity: W** **Modules: CULLUS62**
C064001	********** TABLE IS EMPTY ********** CULLUS64 requested a table value, but the table is empty. **Severity: *** **Modules: CULLUS64**
C064002	********** NO STORAGE AVAILABLE ********** CULLUS64 requested storage to create a table, but storage is not available. Increase the size of the region in which to run CA-CULPRIT. **Severity: *** **Modules: CULLUS64**
C064003	**ENTITY NOT DEFINED** CULLUS64 requested an entity type that is not defined. Valid entity types appear in *CA-Culprit User Modules*. **Severity: *** **Modules: CULLUS64**
C064004	**CODE NOT DEFINED** CULLUS64 requested an action code that is not defined. Valid codes are 0 (zero) and 1. Correct the code and resubmit the job. **Severity: *** **Modules: CULLUS64**

3.3 Range 100 messages

Message ID	Message
C110001	**UNSUCCESSFUL VSAM CONTROL BLOCK GENERATION — GENCB BLK** *vsam-macro* While attempting to access key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an internal or logical error associated with VSAM software. As a result, the module could not generate the required VSAM control block. The module printed the VSAM macro under execution at the time the error occurred and forced an operation exception. **Severity: *** **Modules: CULLVSAM**
C110004	**UNSUCCESSFUL OPEN OF VSAM DATA SET** While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an error that prevented the opening of the VSAM file and forced an operation exception. Typically, this type of error results from a missing DD statement. **Severity: *** **Modules: CULLVSAM**
C110005	**SYNAD ERROR MESSAGE** While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected a physical I/O error. The module printed this message during execution of the GENCB VSAM macro. **Severity: *** **Modules: CULLVSAM**
C110006	**CA-CULPRIT SYSTEM ERROR** While reading key- or entry-sequenced VSAM files sequentially or directly, CULLVSAM detected an internal system error that caused CA-CULPRIT to force an operation exception. **Severity: *** **Modules: CULLVSAM**
C110007	**ERROR IN MODULE CONTROL CARD -** *syntax-error* While reading key- or entry-sequenced VSAM files CULLVSAM encountered a syntax error on a KEY or ADR control statement and printed the invalid information. **Severity: *** **Modules: CULLVSAM**

Message ID	Message
C120001	**LAST TWO DIGITS OF DDNAME *ddname/file-name*** ARE NOT NUMERIC CULEMLIN encountered a *special-value-n* specification on the OUTPUT parameter that is invalid for one of two reasons: ■ *Special-value-n* is not numeric. ■ The second byte of *special-value-n* is not a blank space. **Severity: E** **Modules: CULEMLIN**
C120002	**UNABLE TO OPEN OUTPUT FILE *ddname/file-name*** Because CULEMLIN could not open the output file for the requested report, it printed the file name and terminated processing. Typically, this type of message results from a CA-CULPRIT JCL error. **Severity: E** **Modules: CULEMLIN**
C120003	**RECORD SIZE** *record-size* **IS NOT A MULTIPLE OF 81 OR 133** CULEMLIN detected a record size specification on the OUTPUT parameter that is not a multiple of 81 or 133. As a result, the module could not calculate the logical line length. To correct this error, specify a multiple of 81 or 133 for *record-size-n* and resubmit the job. **Severity: E** **Modules: CULEMLIN**
C120004	**UNABLE TO OBTAIN STORAGE FOR HEADINGS OR FOOTINGS** **OS/390users only** — CULEMLIN encountered header or footer lines defined on edit parameters, but insufficient storage was available to store these lines until print time. To correct this error, increase the core memory allocation in CA-CULPRIT JCL. **Severity: E** **Modules: CULEMLIN**
C120005	**INTERNAL LIMITS DO NOT PERMIT FOOTINGS WHEN LOGICAL LINE SIZE** EXCEEDS 256 The LRECL parameter in your DD statement assigned to CULEMLIN output needs to be 256 or less if you are using headers or footings in CULEMLIN. **Severity: E** **Modules: CULEMLIN**

Message ID	Message
C120006	**HEADERS/FOOTINGS EXCEED 1330 CHARACTER MAXIMUM** **VSE/ESA users only** — CULEMLIN encountered header or footer specifications that exceed the module's 1330-byte limit. **Severity: E** **Modules: CULEMLIN**
C120013	**RECORD SIZE *record-size* IS NOT A MULTIPLE OF LRECL *logical-record-length*** FOR ***ddname*** **OS/390 users only** — CULEMLIN encountered a record size specification on the OUTPUT parameter that is invalid for one of two reasons: ■ *Record-size-n* is not a multiple of 81 or 133. ■ *Record-size-n* is not a multiple of the logical record length specified on the DDNAME parameter in the CA-CULPRIT JCL for the output file. **Severity: E** **Modules: CULEMLIN**
C130001	**VSAM SYNAD** **(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*** While attempting to write formatted records to a VSAM file, CULEVSAM detected a physical I/O error that prevents further processing. Before terminating processing, CA-CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM publications. **Severity: F** **Modules: CULEVSAM**
C130002	**LOGIC ERROR ON VSAM PUT** **(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*** While attempting to write VSAM records, CULEVSAM detected a logical error. As a result, the module closed the VSAM output file. Before terminating processing, CA-CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM publications. **Severity: F** **Modules: CULEVSAM**

Message ID	Message
C130003	**FILE CLOSED DUE TO I/O ERROR ON VSAM PUT** **(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*** While attempting to process a VSAM file, CULEVSAM detected an I/O error that caused the closing of the VSAM output file. Before terminating processing, CA-CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. For a definition of *vsam-feedback-code*, see appropriate VSAM publications. To verify the VSAM file used for output, invoke the VSAM IDCAMS utility before resubmitting the job. **Severity: F** **Modules: CULEVSAM**
C130004	**UNABLE TO OPEN VSAM OUTPUT FILE, GENCB/MODCB FAILED** **(CONT) FEEDBACK CODE IN DECIMAL IS *vsam-feedback-code*** While attempting to open a VSAM output file, CULEVSAM detected an error that prevents further processing. Before terminating processing, CA-CULPRIT printed a VSAM feedback code, in hexadecimal format, to aid the user in debugging. Typically this type of error results from an invalid sequence type (that is, a sequence type other than ES, KS, or RS) coded on the OUTPUT parameter. Before resubmitting the job, check the IDCAMS job for nonzero return codes or an invalid VSAM cluster definition. For a definition of *vsam-feedback-code*, see appropriate VSAM publications. **Severity: F** **Modules: CULEVSAM**
C130005	**I/O ERROR ON OPEN VSAM FILE** While attempting to write records to a user-defined VSAM file, CULEVSAM detected an error that prevents the opening of that file. Typically, invalid JCL causes this type of error. Check the IDCAMS job that created the VSAM file and the job log for more information. **Severity: F** **Modules: CULEVSAM**

Message ID	Message
C130006	**UNABLE TO CLOSE VSAM OUTPUT FILE** Although OPEN and PUT requests were successfully executed, CULEVSAM could not close the VSAM file. Typically, this type of error occurs because of two simultaneous attempts to update the same VSAM file. Check with the DBA at your site, or see the job log for more information. **Severity: F** **Modules: CULEVSAM**
C130007	**DEFAULTED - VSAM KEY SEQUENCED OUTPUT** CULEVSAM encountered an invalid *sequence-type-a* on the OUTPUT parameter (that is, a sequence type other than ES, KS, or RS). As a result, the module assumed a sequence of KS, and attempted to add key-sequenced records to the specified output file. **Severity: W** **Modules: CULEVSAM**
C140001	**REPORT TERMINATED FOR INVALID MODULE CONTROL SWITCH** **VSE/ESA users only** — CULEPOWR, invoked as a subroutine, expected one of the following control information codes: ■ **C** — Informs CULEPOWR that an appropriate CULEPOWR control statement serves as the second argument in the CALL statement. This second argument should identify a 66-byte area in the invoking module that contains appropriate CULEPOWR control information. ■ **R** — Directs CULEPOWR to read CULEPOWR control statements through SYSRDR. Note that no second argument is required. **Severity: F** **Modules: CULEPOWR**
C140002	**REPORT TERMINATED FOR READER INPUT ERROR: EITHER** NO INPUT CARD OR MORE THAN ONE INPUT CARD WAS FOUND FOR THIS REPORT **VSE/ESA users only** — CULEPOWR received a request to read CULEPOWR control statements through SYSRDR, but more than one statement was specified for the report. **Severity: F** **Modules: CULEPOWR**

Message ID	Message
C140003	**REPORT TERMINATED FOR NON MATCHING REPORT NUMBERS.** CA-CULPRIT REPORT WAS *report-number* INPUT CARD RPT WAS *report-number* **VSE/ESA users only** — CULEPOWR, invoked as an output module, automatically compared the report number in the CULEPOWR control statement with that of the report number under execution. Because these report numbers differed, the module printed both report numbers and canceled the report. **Severity: F** **Modules: CULEPOWR**
C140004	**REPORT TERMINATED FOR INVALID KEYWORD.** JECL KEYWORD SUPPLIED WAS *jecl-keyword* **VSE/ESA users only** — CULEPOWR expected a LST or PUN POWER key in columns 3 through 5 of the appropriate CULEPOWR control statement but found an invalid specification. Before terminating processing, the module printed the invalid expression. **Severity: F** **Modules: CULEPOWR**
C140005	**REPORT TERMINATED FOR UNRECOGNIZABLE VSE/POWER RETURN CODE.** **VSE/ESA users only** — CULEPOWR received an unrecognizable error code from the VSE/POWER facility. **Severity: F** **Modules: CULEPOWR**

Message ID	Message
C140006	**REPORT TERMINATED FOR ONE OF THE FOLLOWING REASONS: 1.**THE DEVICE TYPE ADDRESSED BY THE DEVADDR OPERAND IS NOT A DEVICE TYPE CURRENTLY BEING SPOOLED SPOOLED BY VSE/POWER. **2. VSE/POWER IS NOT ACTIVE 3. THE PARTITION IN WHICH YOUR PROGRAM IS RUNNING** IS NOT SUPPORTED BY VSE/POWER. **4.**THE SPOOLED DEVICE HAS A DISPOSITION OF *n* **5.**THE JECL STATEMENT PROVIDED WAS NOT A * $$ JOB, LST, PUN STATEMENT **VSE/ESA users only** — While attempting to perform VSE/POWER segmentation, CULEPOWR encountered an error that prevents further processing. This error can occur for one of two reasons: ■ An error is associated with the device type. Be sure to specify SYS004 for printed output or SYS003 for punched output. ■ An error is unique to the site's operating system. Consult with on-site personnel. **Severity: F** **Modules: CULEPOWR**
C140007	**REPORT TERMINATED FOR THE FOLLOWING REASON:** VSE/POWER CANNOT ACCEPT THE JECL STATEMENT BECAUSE THE PARTITION WAS NOT STARTED AS A MULTITASKING PARTITION AND THE PARTITION IS WAITING FOR WORK, OR THE PARTITION WAS STARTED AS A MULTITASKING PARTITION AND IS WAITING FOR WORK, BUT NO JECL STATEMENT WAS SUBMITTED FOR THIS DEVICE. **VSE/ESA users only** — CULEPOWR encountered an error that prevents further processsing. As a result, the VSE/POWER facility returned X'08' to Register 15. **Severity: F** **Modules: CULEPOWR**

3.4 Range 200 messages

Message ID	Message
C200001	**DP= INVALID ON ALPHA REC PARM** CA-CULPRIT detected a DP= specification on a REC parameter that is defined as alphanumeric. Specify DP= on numeric fields only. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULPRECH**
C200002	**DP= CODED AFTER INITIAL VALUE** The user coded DP= after the initial value or values for a work field. The DP= specification must precede the initial value. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULP01CH**
C200003	**USER MODULE NAME MISSING OR INVALID** CA-CULPRIT detected a missing or invalid module name; this error can be F-level or E-level, as follows: ■ **F level** — The user coded UM on an INPUT or KEYFILE parameter, but the module name is invalid. ■ **E level** — The user coded UM on an OUTPUT parameter, but the module name is invalid. The module name can be invalid for one of the following reasons: ■ The name is missing. ■ The name is longer than 8 characters. ■ The name is not enclosed in parentheses. **Severity: E, F** **Modules: CULPFIPL** **CULPOUCH** **CULP78CH 'CALL' SPECIAL FUNCTION**
C200004	**UNKNOWN PARAMETER CARD PASSED AS IS** The indicated parameter cannot be recognized in the precompile phase (that is, CULPO step). The parameter is passed to the compile phase where it may be handled through a special database interface module. This error can also occur if the module that processed this parameter type is missing in the link of CULPO. **Severity: W** **Modules: CULPDFRE**

Message ID	Message
C200005	**INVALID TOKEN IGNORED** The flagged string (underscored with asterisks) is invalid at the place where it was found; CA-CULPRIT ignores the string. The severity level of this message depends on the parameter in which the invalid string occurs. **Severity: F,E,W** **Modules: MANY** **CULPDFRE SUBMODULES**
C200006	**INCOMPLETE PARAMETER CARD** This is either an E- or an F-level message: ■ **E level** — The system encountered an incomplete REC parameter or report-specific parameter (that is, OUTPUT, work field, edit, or process parameter) in the CA-CULPRIT parameter stream. The space where the entries were expected is underscored with asterisks. ■ **F level** — The system encountered an incomplete =MACRO, INPUT, KEY, SELECT/BYPASS, or PATH parameter in the CA-CULPRIT parameter stream. The space where the entries were expected is underscored with asterisks. **Severity: E, F** **Modules: CULP0** **CULPDFRE SUBMODULES**
C200007	**RIGHT PARENTHESIS INSERTED** CA-CULPRIT expected a right (that is, closing) parenthesis in the place that is underscored with asterisks; the system automatically supplies the missing parenthesis. **Severity: W** **Modules: CULPDFRE** **CULPFIPL**
C200008	**INCOMPLETE SUBSCRIPTED EXPRESSION** A period was coded in a field reference, but no subscript value follows. The invalid field reference is underscored with asterisks. **Severity: E** **Modules: CULPDFRE GETSUB SUBROUTINE**

Message ID	Message
C200009	**INCOMPLETE QUALIFIED EXPRESSION** The user coded an invalid field name on a REC or SELECT/BYPASS parameter. The field name is invalid because a qualifying record name or level is needed. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULPDFRE** **CULPOUCH**
C200010	**MORE VALUES THAN OCCURS ACCEPTED** The number of initial values supplied exceeds the number of occurrences specified on a work field definition parameter that defines a multiply-occurring field. All initial values are stored and can be referenced by the user. The extra values are underscored with asterisks. **Severity: W** **Modules: CULP01CH**
C200011	**FILE MATCH WITH DATABASE INPUT INVALID** The user specified database input on an INPUT parameter, but the system detected more than one INPUT parameter in the CA-CULPRIT parameter stream. File matching is not permitted with database input. **Severity: F** **Modules: CULPINCH**
C200012	**SUBSCHEMA NAME MISSING FOR DATABASE ACCESS** The user requested CA-IDMS/DB or IMS access on the INPUT parameter, but the SS= specification is either missing or incorrectly coded. **Severity: F** **Modules: CULPFIKL**
C200013	**TOKEN TOO LONG - TRUNCATED** A field name that exceeds 32 characters was specified on an input parameter. The flagged characters (underscored with asterisks) were truncated by CA-CULPRIT. **Severity: W** **Modules: CULPDFRE GETWORD SUBROUTINE**

Message ID	Message
C200014	**LITERAL IS INVALID** An invalid literal was coded on an INPUT parameter. The literal either has an invalid format or is in the wrong place (that is, out of sequence) in the parameter. The probable cause of this error is that no closing quotation mark was entered. The literal value is underscored with asterisks and set to a null status. **Severity: W, E** **Modules: CULPDFRE GETWORD SUBROUTINE AND SUBMODULES** **CULP78CH 'CALL' SPECIAL FUNCTION**
C200015	**PATH-ID assumed **** The system encountered no primary path ID on a PATH parameter; CA-CULPRIT assumes a path ID of **. **Severity: W** **Modules: CULPPACH**
C200016	**SET-NAME ASSUMED** A parenthesized value was coded on a PATH parameter following the record type name but with no preceding comma. The flagged value (underscored with asterisks) is more than 2 characters long and is assumed to be an CA-IDMS/DB set name. **Severity: W** **Modules: CULPPACH**
C200017	**ASSUMING KEY FOR IDMS ACCESS** A KEY or KEYFILE parameter preceded an INPUT parameter in the parameter stream. CA-CULPRIT assumes that the input is an CA-IDMS/DB database. **Severity: W** **Modules: CULPKECH**

Message ID	Message
C200018	**RESULT FIELD IS INVALID** The user specified an invalid *result-field-name* on a process definition parameter. The invalid entry is underscored with asterisks. Possible causes of this error follow: ■ The operand is PICK or UNPICK, but the *result-field-name* either is not a numeric literal or is an invalid line number. ■ The *result-field-name* is a numeric literal, but the operation is not GOTO, PERFORM, B, or IF. ■ The *result-field-name* is ARG*n*, but either the operation is not a MOVE statement or CALL statement, or the parameter is not a type 7 input procedure statement. ■ The *result-field-name* is PAGE, but either the operation is not a MOVE or the parameter is not a type 8 procedure statement. The reserved word PAGE is valid only on a type 8 MOVE statement. ■ The *result-field-name* is one of the reserved words TAKE, DROP, RELS, HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, or US00 through US99, and the operation is not a test or a branch. ■ The *result-field-name* is not defined or is defined incorrectly. ■ The operation is a PERFORM statement, but the result field is not a numeric sequence number. ■ The operation is a BRANCH or test operation, but the *result-field-name* is not a numeric sequence number or a reserved word (that is, TAKE, DROP, and RELS for type 7 and type 8 parameters; HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, and US00 through US99 for type 7 parameters). ■ The operation is a BRANCH, PERFORM, or test operation, but the result field specified a numeric sequence number that exceeds the system limit of 999. ■ The *result-field-name* is a reserved word that is used improperly. **Severity: E** **Modules: CULP78CH AND LOWER-LEVEL MODULES**

Message ID	Message
C200019	**VERSION NUMBER IS INVALID** An invalid version number qualifies the subschema name on the INPUT parameter. The number is invalid for one of the following reasons: ■ It is nonnumeric ■ It is less than 1 ■ It is greater than 32 K **Severity: F** **Modules: CULPFIKL**
C200020	**AUTO-HEADER ORIGIN CODE INVALID** A header-origin code other than HF, HH, or HR was specified on a type 5 or type 6 edit parameter. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULP45V7**
C200021	**AUTO-HEADER LITERAL OVERFLOW** The sum of each auto-header literal exceeds 99 characters. Make the literals shorter and resubmit the job. **Severity: W** **Modules: CULP46CH** **CULPRECH**
C200022	**DECIMAL POINT CODE IS INVALID** This can be a W- or E-level message: ■ **W level** — An edit parameter specifies a DP= keyword expression and format code option FS, FD, FM, FP, or FZ. Delete either the DP= keyword expression or the format code option and resubmit the job. ■ **E level** — A REC, work field, or edit parameter specifies an invalid DP= keyword specification. The expression is invalid for one of the following reasons: – The field to which the expression applies is not numeric. – The number of digits specified is greater than the number of digits specified to be printed by either a SZ= or a format option (such as F*n*) on the edit parameter. – The DP= specification on a workfield is greater than 31. **Severity: W, E** **Modules: CULP46C7 (W level)** **CULP46CH (E level)** **CULP01CH (E level)**

Message ID	Message
C200023	**NON-NUMERIC PARAMETER** This can be a E- or F-level message: ■ **E level** — Nonnumeric characters occurred in a field that requires numeric values. The error occurs on a report-specific parameter (for example, an OUTPUT or edit parameter). This error message is usually followed by a message that indicates the invalid field. ■ **F level** — A numeric value was expected on a INPUT, KEYFILE, or PROFILE parameter, but a nonnumeric value was encountered. CA-CULPRIT underscores the invalid characters with asterisks (*). Correct the CA-CULPRIT code and resubmit the job. **Severity: E, F** **Modules: CULPDFRE LEADZERO SUBROUTINE (E level)** **CULPFIKL (F level)** **CULPPRCH (F level)**
C200024	**NUMERIC PARAMETER RIGHT JUSTIFIED** In the fixed portion of the parameter, the user coded a numeric field that is not right-justified. CA-CULPRIT moves the numeric field to the right and fills the field with zeros on the left. The adjusted field is underscored with asterisks. **Severity: W** **Modules: CULPDFRE LEADZERO SUBROUTINE**
C200025	**NOT AUTHORIZED FOR NON-IDD ACCESS** A user who has IDD® but whose installation is not licensed to use CA-CULPRIT has tried to run a CA-CULPRIT report against a file other than the data dictionary. **Severity: F**
C200026	**UNABLE TO OPEN *ddname*** **OS/390 users only** — CA-CULPRIT could not open the file associated with *ddname* and cannot continue processing. The error probably occurred because of a JCL error. **Severity: F** **Modules: CULXnnnn MODULES**

Message ID	Message
C200027	**MATCH KEY DATA TYPE CONFLICTS WITH PREVIOUS KEY** The system encountered a REC parameter that defines a match key for the current file, but the date type does not match the data type of the corresponding match key on a previous file. Match keys on a given level (for example, primary, secondary) must be either all numeric or all alphanumeric.
C200028	**ALTERNATE ASSIGN INVALID** **VSE/ESA users only** — An invalid file name was specified for the DD2= option on the INPUT parameter. The invalid field name is underscored with asterisks. **Severity: F** **Modules: CULPFIKL**
C200029	**FILE TYPE OR QUALIFIER INVALID** The message is an E- or F-level message as follows: ■ **E level** — The file type or file type qualifier on an OUTPUT parameter is invalid. ■ **F level** — The file type or file type qualifier on an INPUT or KEYFILE parameter is invalid. The file type or qualifier is invalid for one of the following reasons: ■ Two or more file types (that is, PS, IS, etc.) were coded for a single INPUT or KEYFILE parameter. ■ The file type qualfier is invalid; for example, PS specifies an invalid device type. ■ The file type is invalid. Correct your CA-CULPRIT code and resubmit the job. **Severity: E, F** **Modules: CULPOUCH (E level)** **CULPFIPL (F level)** **CULPKFCH (F level)**

Message ID	Message
C200030	**RECORD SIZE IS MISSING OR INVALID** This can be a W-, E-, or F-level message: ■ **W level** — The CA-CULPRIT code specifies CARD input or output, but the record size does not specify 80 bytes. CA-CULPRIT ignores the user record size specification and defaults to a record size of 80 bytes. ■ **E level** — The OUTPUT parameter specifies one of the following: – A nonnumeric record size – A value greater than 32,767 – No value for nonprinted output Correct the code on the OUTPUT parameter and resubmit the job. ■ **F level** — The INPUT or KEYFILE parameter specifies an invalid record size. The record size is invalid for one of the following reasons: – The record size is nonnumeric – The record size is greater than 32,767 bytes – **(VSE/ESA users only)** — The record size is greater than the track capacity of the device type specified **Severity: W, E, F** **Modules: CULP2JC7 (W level and E level)** **CULPFIPL (F level)**
C200031	**RECORD TYPE IS INVALID** This can be a W- or F- level message: ■ **W level** — The INPUT parameter specifies CARD input, but the record type is not a blank or F. CA-CULPRIT assumes the record type is fixed (F). ■ **F level** — The record type is not one of the following values: a blank, F, V, U. **Severity: W, F** **Modules: CULPFIPL**

Message ID	Message
C200032	**BLOCK SIZE MISSING OR INVALID** This can be a W-, E-, or F-level message: ■ **W level** — The block size for an INPUT, KEYFILE, or OUTPUT parameter that specifies CARD is not a blank or 80. CA-CULPRIT assumes a block size of 80. ■ **E level** — The block size on an OUTPUT parameter is invalid for one of the following reasons: – It is not numeric or blank. – **VSE/ESA users only** — It is not less than 4096 for ISAM output. – It is greater than 32,767. – It is greater than the track capacity for the specified device type. ■ **F level** — The block size on an INPUT or KEYFILE parameter is invalid for one of the following reasons: – It is not numeric or blank. – **VSE/ESA users only** — It is less than 12 for tape input. – It is greater than the track capacity for the specified device type. **Severity: W, E, F** **Modules: CULPFIPL (W level)** **CULPOUCH (W level and E level)**
C200033	**USER LABELS SPECIFIED IN MATCH RUN** The user coded LT=A (that is, standard and user labels) on one or more INPUT parameters in a match-file run. The invalid entries are underscored with asterisks. Do not use label A in a match-file run. **Severity: F**

Message ID	Message
C200034	**KEYWORD PARAMETER INVALID *keyword-option***

A parameter contains an invalid keyword (for example, MK=). The keyword is invalid for one of the following reasons:

- A keyword cannot be specified more than once on a given parameter.
- An INPUT parameter cannot specify any of the following:
  - Database input (DB) with MK=, FN=, LT=, DD=, or DD2=
  - KF=
  - SS= for nondatabase input
  - A database code other than 'D' with SS=
- A KEYFILE parameter cannot specify the keywords MK=, MB=, or SS=.
- A KEY parameter cannot specify the keywords FIRST and LAST if the entry record on the PATH parameter is not accessed by an indexed set.
- A PATH parameter cannot specify RETURN if the entry record on the PATH parameter is not accessed by an indexed set.
- An =COPY or =MACRO parameter specifies an unknown or duplicate keyword.

Severity: F
Modules: CULP0
CULPDFRE SUBMODULES
CULPFIKL

Message ID	Message
C200035	**LABEL TYPE IS INVALID**

This can be a W- or F- level message:

- **W level** — The label type for a card input file is not blank or N. CA-CULPRIT ignores the invalid entry.
- **F level** — This error occurs for one of two reasons:
  - An INPUT, KEYFILE, or OUTPUT parameter contains LT=N for a file type other than CARD or PS(TAPE).
  - An INPUT or KEYFILE parameter contains LT=A for a file type other than PS.

Severity: W, F
Modules: CULPFIKL

Message ID	Message
C200036	**SPECIAL POSITIONING INVALID** This can be a W- or F-level message: ■ **W level** – **OS/390 users only** — CA-CULPRIT ignores any entry on the LT= keyword expression. – **VSE/ESA users only** — The input file is not a tape file, although the INPUT parameter includes the LT= keyword expression. CA-CULPRIT ignores the specification. ■ **F level: VSE/ESA users only** — The LT= keyword expression either specifies a label other than N or includes nonnumeric values for the file count or block count. **Severity: W, F** **Modules: CULPFIF7**
C200037	**BLOCK SIZE CHANGED TO NEXT MULTIPLE OF RECORD SIZE** An INPUT, KEYFILE, or OUTPUT parameter specifies a block size that is not a multiple of the record size (for a fixed-length record). CA-CULPRIT rounds the block size up to the next multiple of the record size. **Note:** If the assumed block size is not the actual block size of the file, the I/O module may loop reading the first block on the file. **Severity: W** **Modules: CULPFIF7**
C200038	**INVALID USE OF RESERVED WORD** A reserved keyword was used illegally; reserved keywords cannot be used as field names. For a complete list of key and reserved words, refer to the *CA-Culprit Reference Guide*. **Severity: E** **Modules: CULP78BL** **CULPSECH** **CULP46CH** **CULP01CH** **CULP15CH**
C200039	**EMBEDDED BLANKS IN ALPHA PARAMETER** A value in the fixed portion of a CA-CULPRIT parameter contains embedded blanks. This message is followed by one that indicates which field is in error. **Severity: E** **Modules: CULPDFRE IMBLANK SUBROUTINE**

Message ID	Message
C200040	**ALPHA PARAMETER LEFT JUSTIFIED** A value in the fixed portion of a CA-CULPRIT parameter does not begin in the expected column. CA-CULPRIT left-justifies the value and pads the right with blanks. **Severity: W** **Modules: CULPDFRE IMBLANK SUBROUTINE**
C200041	**SCHEMA NAME IS MISSING OR INVALID** This can be a W- or F-level message: ■ **W level** — CA-CULPRIT could not find an occurrence of the subschema named in the SS= keyword expression in the data dictionary. ■ **F level** — If your site requires a schema name, CA-CULPRIT issues this message, which indicates the schema name is missing or invalid. The name is invalid for the following reasons: – It is longer than 8 characters. – It is something other than IDMSNTWK at a site which is only able to run IDMS-DC® or data dictionary reports (DREPORTS). **Severity: W, F** **Modules: CULPDRES (W level)** **CULPFIKL (F level)**
C200042	**FILE NAME INVALID** The user coded a file name in an FN= keyword expression on an INPUT parameter that exceeds the system limit of 32 characters. **Severity: F** **Modules: CULPFIV7** **CULPKFV7**
C200043	**MATCH KEY FIELD INVALID** CA-CULPRIT detected an invalid match-key field description (that is, position and length) on an INPUT parameter. The field definition places part or all of the field beyond the end of the record, as defined by the record size. **Severity: F** **Modules: CULPFIV7**

Message ID	Message
C200044	**NO CARDS AFFECTED BY =*macro-clause*** CA-CULPRIT located the indicated keyword on an =DROP or =CHANGE clause of an =MACRO parameter, but a matching operand could not be found on a copied parameter. CA-CULPRIT continues processing. **Severity: W** **Modules: CULP0**
C200045	**RESULT FIELD LEFT UNCHANGED *sequence-number*** The =MACRO statement resequenced a set of parameters. One of the resequenced parameters contains a result-field sequence number that is not specified in columns 5 through 7 on any of the parameters that were resequenced. The result-field sequence number is unchanged. CA-CULPRIT assumes that the sequence number will be resolved elsewhere. **Severity: W** **Modules: CULP0** **CULPUNUM**
C200046	**ERROR READING CA-CULPRIT PARAMETERS FROM *culprit-source-library*** **(CONT) ERROR OCCURRED DURING OPEN/PW CHECK/READ** **(CONT) MEMBER NOT FOUND** **(CONT) MEMBER REQUESTED AT TIME OF ERROR WAS** member-name CA-CULPRIT could not access source code stored in a source library or inline code. Possible reasons are: ■ CA-CULPRIT could not open SYSIN or the CA-CULPRIT source library. ■ The requested library member does not exist in the partitioned data set (OS/390), source statement library (VSE/ESA), or other non-IDD library (for example, PANVALET). CA-CULPRIT prints the name of the member at the time of the error. **Severity: F** **Modules: CULP0** **CULPUSE**

Message ID	Message
C200050	**PARAM= OPTION INVALID** The system encountered the PARAM= keyword expression in the CA-CULPRIT parameter stream and expected one of the associated keywords (that is, LIST, NOLIST, or EJECT), but an appropriate keyword option was not found. CA-CULPRIT ignores the parameter. **Severity: W** **Modules: CULP0**
C200051	**NESTED LIBRARY/DICTIONARY REQUEST REJECTED** A nested =COPY, =MACRO, or REPORT= (data dictionary report request) statement was encountered in code that was inserted into the parameter stream by an =COPY, =MACRO, or REPORT= statement. The nested request and all associated statements (for example, =CHANGE, =DROP, =MEND) are ignored. **Severity: F** **Modules: CULP0**
C200052	**INPUT CARD DROPPED** This message confirms that the user coded an INPUT=NO keyword expression on an =COPY or =DROP statement. CA-CULPRIT assumes that the user will supply an alternate INPUT parameter. **Severity: W** **Modules: CULP0**
C200053	**REC CARD DROPPED - START POSITION IS INVALID** The CA-CULPRIT code includes a REC parameter with a starting position of zero (0) before any INPUT parameter. The REC parameter is ignored by CA-CULPRIT. **Note:** If the REC parameter occurs after the INPUT parameter, CA-CULPRIT interprets the start position as a match-file signal byte and relocates it 1 byte beyond the end of the record. **Severity: W** **Modules: CULP0**
C200054	**NO EXPANSION DONE - NOT ENOUGH ARGS** The system encountered a symbolic parameter in the form &× in a copied =MACRO parameter set, but no associated argument exists in the =MACRO instruction. **Severity: W** **Modules: CULP0**

Message ID	Message
C200055	**NO EXPANSION DONE - ARG TOO LONG** An argument on an =MACRO parameter is too long to fit in the available space on the copied parameter card. **Severity: W** **Modules: CULP0**
C200056	**NEW SEQUENCE NUMBER GREATER THAN 999** The =MACRO facility generated a sequence number that exceeds the system limit of 999 while it resequenced type 7 or type 8 process definition parameters. CA-CULPRIT retains the original sequence number. **Severity: F** **Modules: CULP0** **CULPUNUM**
C200057	**UNDEFINED MATCH KEY ON PRIOR FILE *match-key-name*** The named match-key field was not resolved on the file preceding the file that is currently being processed. The match key is not resolved because either the REC parameter that defined the field has E-level errors or the field is not defined on a REC parameter. **Severity: F** **Modules: CULP0**
C200060	**FIELD POSITION EXTENDS BEYOND RECORD** The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the record. The field position limit was set on the INPUT or OUTPUT parameter. **Severity: W** **Modules: CULP0**
C200061	**=MEND MISSING** The system encountered an =MACRO instruction in the CA-CULPRIT parameter stream, but no corresponding =MEND instruction was found. To correct this error, add an =MEND instruction and resubmit the job. **Severity: F** **Modules: CULP0**
C200062	**MATCH WILL TAKE PLACE** This message confirms that CA-CULPRIT successfully processed two or more INPUT match-file parameters. **Severity: I** **Modules: CULP0**

Message ID	Message
C200063	**NO INPUT CARD FOUND FOR FILE *ddname/file-name*** The system did not encounter an INPUT parameter in the CA-CULPRIT parameter stream. **Severity: E** **Modules: CULP0**
C200064	**SEQUENCE TABLE OVERFLOW** An attempt was made to resequence more than 250 type 7 or type 8 process definition parameters with one =MACRO statement. The parameters must be split into two or more groups with a maximum of 250 parameters in each group. These groups can then be inserted and renumbered in separate =MACRO statements. **Severity: F** **Modules: CULP0**
C200065	**CHANGE CARD TABLE OVERFLOW** An internal system error occurred. Call Computer Associates Technical Support. **Severity: F** **Modules: CULP0**
C200066	**TOO MANY CARDS IN MACRO REQUEST** The CA-CULPRIT code contains more than 40 lines, including continuation lines between an =MACRO instruction and the corresponding =MEND instruction. Reduce the number of lines and resubmit the job. **Severity: F** **Modules: CULP0**
C200067	**CONTROL CARD INVALID** An equal sign was coded in column 1, but the equal sign is not followed by a recognizable keyword (that is, CHANGE, COPY, DROP, MACRO, or MEND). **Severity: F** **Modules: CULP0**
C200068	**EXTRANEOUS =MEND** An =MEND instruction was encountered in the CA-CULPRIT parameter stream with no corresponding =MACRO instruction. **Severity: F** **Modules: CULP0**

Message ID	Message
C200069	**OPERAND(S) MISSING** Either an =COPY parameter does not contain any operands (for example, a member name or an asterisk (*)) or a keyword of the =COPY parameter does not contain an operand. CA-CULPRIT either flags the column preceding the next keyword or the last column of the parameter with an asterisk. **Severity: F** **Modules: CULP0** **CULPCPC7**
C200070	**OPERAND INVALID *operand*** The indicated operand is either illegal in the context of the keyword with which it is associated or exceeds the maximum length allowable for the operand type. **Severity: F** **Modules: CULP0** **CULPCPC7**
C200071	**MEMBER NAME IS INVALID** CA-CULPRIT detected a member or module name on an =COPY or =MACRO instruction that is either missing or invalid. The length of the member or module name cannot exceed the system limit of 32 characters. The name of a module that is stored in the data dictionary must be enclosed in single quotation marks. **Severity: F** **Modules: CULP0** **CULPCPC7**
C200072	**REPORT NUMBER IS INVALID** An illegal report number was specified on a parameter or as an operand on an =COPY, =MACRO, or REPORT= instruction. Valid report numbers are 00 through 99. If the error occurs in the REPORT= instruction, the invalid entry is underscored with asterisks. **Severity: F** **Modules: CULP0** **CULPDFRE** **CULPIDDR**
C200073	**TOO MANY PARAMETERS OF TYPE *keyword*** More than 20 occurrences of the named keyword were specified in single =MACRO statement. *Keyword* may have the following values: TYPE=, REC=, CNST=, or OLD=. **Severity: F** **Modules: CULP0**

Message ID	Message
C200074	**KEYWORD EXPECTED *keyword*** This message occurs for one of two parameters: ■ A SELECT/BYPASS parameter that has two logical conditions that are not joined by either an AND or an OR, or a SELECT/BYPASS parameter that specifies IN, but does not specify PATH immediately afterward ■ An =MACRO parameter does not contain the indicated keyword **Severity: F** **Modules: CULP0** **CULPSEC7**
C200075	**TOO MANY ARGUMENTS** This can be a W- or a F-level message: ■ **W level** — More than 9 arguments were specified for a user module. Reduce the number of arguments and resubmit the job. ■ **F level** — More than 35 arguments are specified on an =MACRO parameter. Reduce the number of arguments and resubmit the job. **Severity: W, F** **Modules: CULP78CH 'CALL' SPECIAL FUNCTION (W level)** **CULP0 (F level)**
C200076	**TOO MANY TOKENS** The system encountered more than 100 keywords, operands, or delimiters in a single =DROP instruction or =CHANGE instruction. To correct this error, split the instruction into two or more =CHANGE or =DROP instructions. **Severity: F** **Modules: CULP0**
C200077	**ARGUMENT IS INVALID** An argument that exceeds 53 characters was specified on an =MACRO instruction. Argument length includes bounding quotation marks, if they are present.) **Severity: F** **Modules: CULP0**

Message ID	Message
C200078	**RIGHT PARENTHESIS MISSING** This can be a W- or F-level message: ■ **W level** — The closing parenthesis is missing for an argument list. ■ **F level** — CA-CULPRIT prints this message for one of two reasons: – The closing parenthesis is missing for an argument list on an =MACRO parameter. – The closing parenthesis is missing in a WHERE clause expression. **Severity: W, F** **Modules: CULP78CH 'CALL' SPECIAL FUNCTION (W level)** **CULP0 (F level)** **IDMSGEXP OR IDMSGCND – CULP0 (F level)**
C200079	**ERRONEOUS TOKEN AFTER *character-string*** An illegal keyword, operand, or delimiter was coded after the indicated character string on an =CHANGE or =DROP instructon. CA-CULPRIT may compress multiple blanks into a single blank in the message. **Severity: F** **Modules: CULP0**
C200080	**REPORT REQUEST PARAMETER *report-number*** This message prints to the left of any REPORT= parameter. **Severity: I** **Modules: CULPIDDR**
C200081	**REPORT REQUESTED NOT ON DICTIONARY *module-name*** CA-CULPRIT requested either a data dictionary report module (for example, DREPORT 007) or a module in an =COPY or =MACRO parameter, but could not find the requested module in the data dictionary being accessed. CA-CULPRIT also prints the version number of the module if a value was supplied in the input parameter stream. **Severity: F** **Modules: CULPIDDR**

Message ID	Message
C200082	**FILE REQUESTED NOT ON DICTIONARY *file-name*** *File-name* and *version-number* (if defined on an INPUT parameter) were coded as the operand of an FN= keyword expression, but the indicated file (and version) does not exist in the data dictionary. CA-CULPRIT also prints the version number of the file if a value was supplied in the input parameter stream. **Severity: F** **Modules: CULPIDDR**
C200083	**IDD NOT SUPPORTED** A data dictionary request was encountered (that is, an FN= keyword expression on the INPUT parameter, a module name that follows either an =COPY or =MACRO instruction, or a REPORT= instruction), but IDD is not installed. **Severity: F** **Modules: CULPIDDR**
C200084	**CA-CULPRIT/DIRECTORY INTERFACE *idms/culpdres-version-number*** This message appears the first time CA-CULPRIT tries to access the data dictionary. The variable portion of the message identifies which version of the CULPDRES module is being used. **Severity: I** **Modules: CULPDRES**
C200085	**UNABLE TO ACCESS DATA DICTIONARY** The data dictionary cannot be opened or has been found to be incompatible with the IDMS/CA-CULPRIT interface module. The message ABORTING CULPDRES, described below, always accompanies this message, followed by messages that display the contents of the IDMS communications block. **Severity: F** **Modules: CULPDRES**

Message ID	Message
C200086	**ABORTING CULPDRES idms/r-version culprit-version** **(CONT) DML SEQUENCE sequence-number** **(CONT) ERROR STATUS error-status-code** **(CONT) ERROR RECORD record-name** **(CONT) ERROR SET set-name** **(CONT) ERROR AREA area-name** **(CONT) LAST GOOD RECORD record-name** **(CONT) LAST GOOD AREA area-name** CA-CULPRIT detected an error that relates to the data dictionary. If the error status is VERS, the database access module (that is, CULPDRES) is not compatible with the data dictionary indicated by *idms/r-version*. If the error status is numeric, refer to *CA-IDMS Messages and Codes*. for an explanation of the code. The messages that follow this message display the contents of the IDMS communications block. This error can occur when CA-CULPRIT encounters an error accessing: ■ An CA-IDMS/DB database ■ A file defined to the data dictionary ■ A module defined to the data dictionary **Severity: F** **Modules: CULPDRES**
C200094	**NESTED OCCURS ON GENERATED REC PARAMETER *field-name*** The named field cannot be defined to CA-CULPRIT because it lies within a nested repeating group defined to a database record accessed by CA-CULPRIT. **Severity: E** **Modules: CULPDRES**
C200095	**UNKNOWN SUBSCHEMA subschema-name** **(CONT) SCHEMA schema-name** **(CONT) VERSION version-number** CA-CULPRIT cannot find the named subschema, schema, and version number in the data dictionary. The schema name and version print only if the CA-CULPRIT code specified schema and version number values. **Severity: F** **Modules: CULPDRES**

Message ID	Message
C200098	**SET NAME UNKNOWN TO SUBSCHEMA *set-name*** The user coded a set name on a PATH parameter that is not known to the subschema named on the INPUT parameter. **Severity: F** **Modules: CULPDRES**
C200099	**NON-EXISTENT RECORD NAME *record-name*** A record name that is not known to the data dictionary was coded on a PATH parameter or is a qualifier for a field name. **Severity: F** **Modules: CULPDRES**
C200100	**UNABLE TO DEFINE *field-name*** CA-CULPRIT cannot generate a field definition for the named field in a run that accesses the data dictionary. This message probably occurs because CA-CULPRIT does not recognize the field name. Correct the field name and resubmit the job. **Severity: E** **Modules: CULPDRES**
C200101	**RECORD NAME UNKNOWN TO SUBSCHEMA *record-name*** The record named on the PATH parameter is not defined to the subschema named on the INPUT parameter. Correct the code and resubmit the job. **Severity: F** **Modules: CULPDRES**
C200102	**UNABLE TO RESOLVE PATH *path-id*** CA-CULPRIT cannot resolve a reference to a path ID. This error can occur if an invalid record or set invalidates the PATH For information on how to specify a valid path, see the *CA-Culprit Reference Guide*. **Severity: F** **Modules: CULPDRES**
C200105	**FIELD NAME UNKNOWN TO LEGAL RECORD *field-name*** CA-CULPRIT named a field that is defined to the data dictionary but does not exist in any of the records defined on a PATH parameter or associated with a file named on an INPUT parameter. Correct the field name and resubmit the job. **Severity: E** **Modules: CULPDRES**

Message ID	Message
C200106	**FIELD NAME UNKNOWN TO DICTIONARY *field-name*** CA-CULPRIT cannot find the named field in the data dictionary. This message may be followed by a record name and level number if these were used to qualify the field. **Severity: E** **Modules: CULPDRES**
C200107	**INCONSISTENT PATH ENTRY RECORD *record-name*** The user coded an entry record on a PATH parameter that differs from the entry record that was specified on a previous PATH parameter. All non-dummy PATH parameters in a CA-CULPRIT run must specify the same entry record. **Severity: F** **Modules: CULPDRES**
C200108	**ENTRY RECORD SET INVALID *set-name*** An invalid set name was specified on a PATH parameter for the entry record. The entry record set must be an index set known to the subschema that was specified on the INPUT parameter. **Severity: F** **Modules: CULPDRES**
C200109	**(CONT) RECORD NAME record-name** **(CONT) SET NAME set-name** The user coded an illegal record name on the PATH CA-CULPRIT could not relate the named record to a previous record for one of the following reasons: ■ If a set name was specified, the set is not defined to the subschema accessed by CA-CULPRIT. ■ The specified record is not related to the prior record on the path. ■ The specified record is the second unrelated 'member' type record specified on the path. **Severity: F** **Modules: CULPDRES**
C200112	**MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED** More than 256 record names were specified on a PATH parameters. **Severity: F** **Modules: CULPDRES**

Message ID	Message
C200113	**KEYFIELD NAME INVALID *key-field-name*** CA-CULPRIT detected an invalid key-field name on a KEY parameter. The key-field name is invalid for one of the following reasons: ■ The field is not defined on a REC parameter. ■ The field is not the CALC or index-set field for the specified entry record. **Severity: F** **Modules: CULPKCC7** **CULPDRES**
C200114	**INCONSISTENT PATH ENTRY SET *set-name*** The user coded a set name for the entry record on a PATH parameter that differs from the set name specified for the entry record on a previous PATH parameter. All PATH parameters in a CA-CULPRIT run must specify the same entry record and the same set name for the entry record. **Severity: F** **Modules: CULPDRES**
C200115	**SET NAME IGNORED ON DUMMY PATH ENTRY *set-name*** The PATH parameter specifies a dummy path ID (that is,), indicating that CA-CULPRIT will use the DB-EXIT facility to access the named records. CA-CULPRIT ignores all set names specified on a PATH parameter that specifies a dummy path ID. **Severity: W** **Modules: CULPDRES**
C200116	**AUTO-HEADERS ON 6-CARD BUT NOT T-ONLY REPORT** A header-origin code was specified on a type 6 edit parameter, but the OUTPUT parameter does not specify a totals-only report. **Severity: E** **Modules: CULPTBL**
C200117	**AUTO-HEADERS ON BOTH 5-CARDS AND 6-CARDS** The CA-CULPRIT code contains header origin codes (that is, HH, HR, or HF) on both type 5 and type 6 edit parameters. Header origin codes can appear on type 6 edit parameters only for a totals-only report. Additionally, the codes can be defined for either type 5 or type 6 edit parameters, but not for both. **Severity: E** **Modules: CULPTBL**

Message ID	Message
C200118	**AUTO-HEADERS NOT GENERATED — POSITION IS ZERO** A header-origin code was specified on a type 5 edit parameter for an output data field, but this field is 0 (zero). **Severity: E** **Modules: CULPTBL**
C200119	**AUTO-HEADER REQUEST CANNOT BE RESOLVED *rrllpppp*** The CA-CULPRIT codes contains an auto-header request (that is, HR, HR, or HH) on a type 5 or 6 edit parameter, but no literal is associated with the specified field. The parameter that contains the auto-header request is identified as *rrllpppp* as follows: ■ *Rr* is the report number. ■ *Ll* is the line number. ■ *Pppp* is the output position of the parameter. **Severity: E** **Modules: CULPTBL**
C200120	**AUTO-HEADER GENERATED LINE NUMBER EXCEEDS 8 *frrllpppp*** The system encountered a request for an auto-header in the input parameter stream, but the user-supplied or automatically generated headers occupy all eight available header lines. The edit parameter that contains the auto-header request is identified as *rrllpppp*, as follows: ■ *Rr* is the report number. ■ *Ll* is the line number. ■ *Pppp* is the output position of the parameter. **Severity: E** **Modules: CULPTBL**

Message ID	Message
C200121	**RUN CANCELLED DUE TO INSUFFICIENT STORAGE FOR** CA-CULPRIT-module **(CONT) NUMBER OF BYTES REQUESTED bytes** CA-CULPRIT was unable to obtain the necessary storage to continue processing in the CULP0 step. The names of the CA-CULPRIT module CSECT requesting the core and the table or buffer being requested are printed in the variable portion of the message. Increase the region size by at least as much core as specified in the continuation of the message. Possible CSECT and table name values are shown below: CSECT (TABLE or BUFFER) Description CULPTBL (FILTABLE) – File statistics table CULPTBL (REPTABLE) – Report statistics table CULPTBL (NAMTABLE) – Runtime names table CULPTBL (AUTO4TBL) – Auto-header literal table CULPTBL (GEN4TBL) – Auto-header entry table CULP0 (OLDNEWSQ) – =CHANGE sequence number table CULP0 (G78BLOCK) – =CHANGE type-7 and 8 branch cards CULP0 (MXPTBL) – =MACRO expansion table CULP0 (CHPRMTBL) – =CHANGE parameter table CULP0 (DRRECTBL) – =DROP REC table CULP0 (DRCONTBL) – =DROP work field table CULP0 (DRNUMRNG) – =DROP range table CULP0 (CULLIB BUFFER) – =COPY/=MACRO OS/390 library buffer CULPDFRE (GSNENTRY) – Generated type-15 name table block CULPPAC7 (PATHTBL) – PATH/record table block CULPKCC7 (KEYTBL) – Key entry table block **Severity: F** **Modules: CULPGTMN**

Message ID	Message
C200123	**POSITION INVALID** This can be an E- or F-level message: ■ **E level** — A REC or edit parameter specifies an invalid input or output position because the position is either not numeric or exceeds the system maximum: – 32,767 for input – 32,767 for output ■ **F level** — The KF= keyword expression on the KEYFILE parameter places the keyfield beyond the end of the keyfile record. Correct the KEYFILE parameter and resubmit the job. **Severity: E, F** **Modules: CULPREC7 (E level)** **CULP46C7 (E level)** **CULPKFC7 (F level)**

Message ID	Message
C200124	**SIZE IS INVALID**

This can be a W-, E-, or F-level message:

- **W level** — CA-CULPRIT ignores the SZ= option on an edit parameter that also specifies FD (date format code), FS (social security format code), or FM (user edit mask).
- **E level** — The code specifies a type 4, 5, or 6 edit parameter with an output field that is nonnumeric or that exceeds the system limit defined for the data type. The maximum output size is shown below:

```
DATA TYPE       DP=          MAXIMUM SIZE
                             SPECIFICATION

Alphanumeric                 37,767
FP              Yes             16
FP              No               8
All others      Yes             31
All others      No              15
```

- **F level** — CA-CULPRIT detected an invalid field size specification on a KEYFILE or REC parameter, as follows:
  - The KF= expression on the KEYFILE parameter specifies a field size that places part of the keyfield beyond the end of the keyfile record.
  - A REC parameter specifies either a nonnumeric field size or one that exceeds the limit established for the field's data type:

```
DATA TYPE   MAXIMUM FIELD SIZE

' '          32,760
 1                4
 2               31
 3               16
 4               15
 5               32 bits
```

  - A REC parameter that specifies the keyword GROUP specifies a group size that exceeds 32,767.

Severity: W, E, F
Modules: CULPREC7 (E level)
CULP46C7 (W level and E level)
CULPKFC7 (F level)

Message ID	Message
C200125	**DATA TYPE IS INVALID** The system encountered an invalid or illegal data type on a REC parameter. For numeric field data types, code date types from 1 through 5. Omit the data type on alphanumeric or GROUP REC parameters. For multiply-occurring fields, enter the data type on ELMNT REC parameters. **Severity: E** **Modules: CULPREC7**
C200126	**START POSITION OF 1 ASSUMED** The user coded a link ID on a GROUP REC parameter, but the starting position is not equal to 1. A starting position of 1 indicates that the starting position is relative to the end of the group that was specified by link ID. CA-CULPRIT ignores the invalid specification and sets a starting position of 1 for the group. The invalid entry is underscored with asterisks. **Severity: W** **Modules: CULPREC7**
C200127	**NUMBER OF OCCURRENCES INVALID** The user coded an invalid occurrence count specification on a GROUP REC parameter. The specification is either a nonnumeric value or exceeds the system limit of 32K. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULPREC7** **CULP01C7**
C200128	**LINE NUMBER IS INVALID** The system encountered an invalid line number on a type 4, type 5, or type 6 edit parameter. Valid line number values are 1 through 8. **Severity: E** **Modules: CULP46C7**
C200129	**CARRIAGE CONTROL IS INVALID** The user specified an invalid spacing (that is, carriage control) character on a type 4, type 5, or type 6 edit parameter. Valid codes are: -, +, A, B, C, V, W, 0 through 9, or a blank. The invalid character is underscored with an asterisk. **Severity: E** **Modules: CULP46C7**

Message ID	Message
C200130	**FORMAT CODE IS INVALID** The user coded an invalid format code on an edit parameter. This error can occur if the number of digits exceeds the field size, or if the format code is not F*, F$, F-, FB, FC, FD, FF, FM, FN, FP, FS, FU, FW, FZ, or F0 through F9. **Severity: E** **Modules: CULP46C7**
C200131	**TOTAL/DETAIL CODE INVALID** The total/detail code specified on an OUTPUT parameter is not valid. Valid codes are a T, D, or blank. **Severity: E** **Modules: CULPSOCH**
C200133	**LINES/PAGE INVALID** An OUTPUT parameter specifies an invalid LP= keyword expression for the number of lines for each report page. The value is either nonnumeric or exceeds 32K. The invalid specification is underscored with asterisks when the error appears in the Sequential Parameter Listing. **Severity: E** **Modules: CULPSOCH**
C200134	**SORT KEY IS INVALID** CA-CULPRIT detected an invalid sort key on a SORT parameter. This error can occur if the user specified more than 20 sort keys for one report, or if the sort key field is not a valid input or work field name. **Severity: E** **Modules: CULPSOCH**
C200135	**CA-CULPRIT INPUT BUFFER CAPACITY EXCEEDED** The user coded a value for the input record size, but the value exceeds the system buffer limit of 32K. For standard CA-CULPRIT runs, the input buffer size is equal to the record size that was specified on the INPUT parameter. For match-file runs, the input buffer size is the sum of the record sizes of all input files, plus 1 byte per non-dummy file and 1 byte per run. **Severity: F** **Modules: CULP0**

Message ID	Message
C200136	**MAXIMUM NUMBER OF FILES EXCEEDED** The system encountered more than 32 INPUT parameters in a run that accesses nondatabase files. **Severity: F** **Modules: CULP0**
C200137	**SECURITY MODULE NOT LINKED** The installation security option in the CULXPROF macro specifies YES, but CA-CULPRIT cannot enforce security because the CULPDRES module has not been linked with the CULP0 module. **Severity: F** **Modules: CULPDFRE**
C200138	**INSTALLATION SECURITY OPTION IS** *option* The installation security option specifies either YES or NO, depending on the option specified for the installation parameter, CULL-SECURE. **Severity: I** **Modules: CULPDFRE**
C200139	**OPERATION CODE INVALID** This can be an E- or F-level message: ■ **E level** — The operation code that was specified on a process definition parameter is invalid for one of the following reasons: – The code is not a legal procedure code. – A math operation was specified for an alphanumeric literal field. – EOF has been entered in field 1 but the operation code is not EQ or NE. ■ **F level** — The flagged token in an invalid operation code for a SELECT/BYPASS parameter. **Severity: E, F** **Modules: CULP78C7 (E level)** **CULPSTKL (F level)**

Message ID	Message
C200140	**INITIAL VALUE INVALID** This can be an E- or F-level message: ■ **E level** — The specified initial value is not a valid numeric or alphanumeric literal, or is of a different data type than the first value of a mutiply-occurring work field. ■ **F level** — The specified keyfield value is invalid. **Severity: E, F** **Modules: CULP01C7 (E level)** **CULPKCC7 (F level)**
C200141	**LENGTH OF FIRST LITERAL VALUE USED** A multiply-occurring work field parameter (that is, array) specifies initial values with different lengths. CA-CULPRIT uses the length of the first value. It truncates values that are longer and pads shorter values on the right and underscores them with asterisks. **Severity: W** **Modules: CULP01C7**
C200142	**SEQUENCE NUMBER IS INVALID** The user coded an invalid sequence number on a type 7 or type 8 process definition parameter. The invalid entry is underscored with asterisks. To correct this error, use either numeric or blank sequence numbers. **Severity: E** **Modules: CULP78C7**
C200143	**SEL STATEMENT OUT OF SEQUENCE** The system encountered a SELECT/BYPASS parameter that preceded an INPUT, KEYFILE, or referenced PATH parameter. To correct this error, reorder the parameters so that appropriate INPUT, KEYFILE, or PATH parameters precede the SELECT/BYPASS parameter, and resubmit the job. **Severity: F** **Modules: CULPSEC7**

Message ID	Message
C200144	**RECORD LEVEL IS INVALID** This can be an E- or F-level message: ■ **E level** — The specified level is either nonnumeric or exceeds 256, the maximum level number. ■ **F level** — Either the flagged record level qualifier is invalid or the specified occurrence of the record does not exist. **Severity: E, F** **Modules: CULPDFRE (E level)** **CULPSEC7 (F level)**
C200145	**UNBALANCED PARENTHESES** CA-CULPRIT detected an unequal number of opening and closing parentheses on a SELECT/BYPASS or process definition parameter. **Severity: F** **Modules: CULPSTKL** **CULP78AL**
C200146	**RECORD OR SET NAME IS INVALID** The user coded an invalid record name on a SELECT/BYPASS parameter or an invalid record or set name on a PATH parameter. This error can occur if the name is too long or if the name is not a valid COBOL name. The invalid entry is underscored with asterisks. **Severity: F** **Modules: CULPSEC7**
C200147	**PATH-ID INVALID OR DUPLICATED** The flagged path ID is either invalid or exists on another PATH parameter. **Severity: F** **Modules: CULPSEC7** **CULPPACH**
C200148	**PASSWORD MISSING OR INVALID** The CA-CULPRIT code either specifies an invalid password on a PROFILE, INPUT, or OUTPUT parameter or fails to specify a password when required. **Severity: F** **Modules: CULPFIV7**

Message ID	Message
C200149	**INVALID NUMERIC TOKEN** An invalid numeric string has been coded on a parameter that applies to the entire run (for example, SELECT and INPUT parameters). The string is invalid because it either exceeds a maximum value or is less than the minimum allowed. CA-CULPRIT underscores the invalid string with asterisks. **Severity: F** **Modules: CULPFIPL** **CULPFIKL**
C200150	**DUPLICATE LINE NUMBER IGNORED** CA-CULPRIT ignored a duplicate line number in a list of line numbers for a PICK, UNPICK, DROP, TAKE, or RELS operation on a process definition parameter. The invalid entry is underscored with asterisks. **Severity: W** **Modules: CULP78CH**
C200151	**TOO MANY OPERANDS** The user coded too many operation codes on a COMPUTE statement, IF statement, or SELECT/BYPASS statement. The maximum number is 32 test conditions. **Severity: E** **Modules: CULP78AL** **CULPSTKL**
C200152	**TOO MANY OPERATORS** A COMPUTE statement specifies too many operation codes. **Severity: E** **Modules: CULP78AL**
C200153	**OPERAND INVALID** *operand* An operand was coded on a report-specific parameter (for example, OUTPUT and edit parameter) that is either illegal for the keyword with which it is associated, or exceeds the maximum length allowable for the operand type. **Severity: E** **Modules: CULP**
C200154	**KEY FIELD INDICATORS MISSING OR INVALID** The user coded a KEYFILE parameter with an invalid or missing KF= keyword expression. The KF= value is invalid if it specifies an invalid keyfield position or length. **Severity: F**

Message ID	Message
C200155	**INCREMENT VALUE INVALID** The system encountered an invalid increment on a type 15 implied subscript parameter. Valid increments are numeric literals in the range 1 through 4095. The invalid entry is underscored with asterisks. **Severity: E**
C200156	**GROUP ID IS INVALID** A REC parameter that specifies the keyword GROUP specifies an invalid group ID. The group ID is a 2-byte alphanumeric field. **Severity: F** **Modules: CULP0**
C200157	**INCONSISTENT DD SPECIFICATIONS** This can be an E- or F-level message: ■ **E level** — One OUTPUT parameter specifies a DD= keyword expression, but another does not. ■ **F level** — One file in a match-file run specifies a DD= keyword expression, but another does not. **Severity: E, F** **Modules: CULPOUKL (E level)** **CULPFIKL (F level)**
C200158	**SIGNAL BYTE IGNORED FOR DUMMY OR UNDEFINED FILE** A REC parameter with a starting position of zero (0) was coded for a dummy file or was encountered before the first INPUT parameter in the parameter stream. **Severity: W** **Modules: CULPO**
C200159	**SELECT AND BYPASS MAY NOT BE MIXED** Both SELECT and BYPASS parameters were encountered for the same file. Either SELECT or BYPASS, but not both, can be codes for each input file. **Severity: E** **Modules: CULPSCH**
C200160	**E-LEVEL ERRORS IN SEL STATEMENT** E-level errors in a SELECT or BYPASS parameter force CA-CULPRIT to terminate the run. **Severity: F** **Modules: CULPSECH**

Message ID	Message
C200161	**DD SPECIFIED FOR PRINTED OUTPUT** The OUTPUT parameter specifies printed output (that is, the file type is omitted), but a DD= option was also specified for the same report. Because CA-CULPRIT automatically makes assignments to a standard print file, no user-written specification is needed. THe invalid DD= entry is underscored with asterisks. **Severity: E** **Modules: CULPOUKL**
C200164	**INVALID BREAK CODE** A SORT parameter specifies an invalid break code. Valid codes are 1, 0, - (a hyphen), and +. **Severity: E** **Modules: CULPSOCH**
C200165	**COLUMN ONE IGNORED** CA-CULPRIT ignored a mispunch in column 1. The invalid entry is underscored with asterisks. **Severity: W** **Modules: CULPDFRE**
C200166	**SUBSCRIPT IS INVALID** An invalid subscript value was coded. The value is nonnumeric, exceeds 32,767, or is an invalid field name. The invalid specification is underscored with asterisks. **Severity: E** **Modules: CULPDFRE**
C200167	**DUPLICATE OUTPUT OR SORT PARAMETER** CA-CULPRIT encountered more than one OUTPUT or SORT parameter for a report. **Severity: E** **Modules: CULPTBL**
C200168	**PARAMETER TYPE ILLEGAL** The system encountered an illegal parameter in the CA-CULPRIT parameter stream. To evaluate this error, review the Sequential Parameter Listing. CA-CULPRIT also flags a DATABASE parameter if it is not the first CA-CULPRIT parameter in the input stream or if it appears within a used dictionary module. **Severity: F** **Modules: CULPDFRE**

Message ID	Message
C200169	**UNAUTHORIZED USER/PASSWORD COMBINATION** USER= and PASSWORD= keywords appear on the PROFILE parameter, but either the named user is not defined in the data dictionary or the specified password is incorrect. **Severity: F** **Modules: CULPDRES**
C200170	**FILE NOT DEFINED TO DIRECTORY/DICTIONARY** The file named in an FN= keyword expression is not defined to the data dictionary. **Severity: F** **Modules: CULPDRES**
C200171	**ACCESS NOT AUTHORIZED FOR FILE/SUBSCHEMA** The user specified on the PROFILE parameter is not authorized to access the file or subschema specified on the INPUT parameter. **Severity: F** **Modules: CULPDRES**
C200172	**NO FILE NAME SPECIFIED** CA-CULPRIT processed all keyword expressions on an INPUT parameter and determined the following: ■ Neither FN=*file-name* or SS=*subschema-name* are present in the INPUT parameter. ■ CA-CULPRIT security (as established in the DDDL SET OPTIONS statement) is in effect. When security is in effect, all nondatabase files must be accessed through the data dictionary. Code FN=*file-name* on all INPUT parameters when accessing nondatabase files. **Severity: F** **Modules: CULPFIKL**
C200173	**DIRECTORY/DICTIONARY OVERRIDE ATTEMPT** The OVERRIDES ARE NOT ALLOWED option is in effect in the data dictionary for the user that was named on the PROFILE parameter. One of the following conditions is true: ■ The user coded a record size, record type, block size, file type, or label type on an INPUT or KEYFILE parameter. ■ The user coded a REC parameter. **Severity: F** **Modules: CULPFIKL**

Message ID	Message
C200174	**RECORD DESCRIPTION OVERRIDE ATTEMPT** CA-CULPRIT security is in effect in the data dictionary and the user has coded an entry other than a comment on a REC parameter. One of the following conditions is true: ■ The user did not code a valid USER= specification on the PROFILE parameter. ■ The user coded a valid USER= specification on the PROFILE parameter, but the data dictionary specifies that overrides are not allowed for the specified user. **Severity: F** **Modules: CULPRECH**
C200175	**DICTIONARY SECURITY OPTION IS** *security-level* This message tells you what level of security is in place. CA-CULPRIT prints either ON or OFF for *security-level*. **Severity: I** **Modules: CULPDRES**
C200176	**DIRECTORY/DICTIONARY FILE(DEVICE) TYPES** *file-type device-type* This message identifies the file and device type for a file that was defined in the data dictionary and was named in an FN= specification on an INPUT or a KEYFILE parameter. **Severity: I** **Modules: CULPDRES**
C200177	**LEFT PAREN MISSING** CA-CULPRIT encountered a field that follows the module name in a CALL statement on a type 7 parameter. The place where the left parenthesis was expected is underscored with asterisks. **Severity: E** **Modules: CULP78CH**
C200178	**FIELD NAME INVALID** CA-CULPRIT detected an invalid name in a CALL instruction on a type 7 parameter. The invalid entry is underscored with asterisks. **Severity: E** **Modules: CULP78CH**

Message ID	Message
C200179	**KEY FIELD EXTENDS BEYOND RECORD** The user specified a KF= keyword expression on a KEYFILE parameter but the starting position plus the field size caused the keyfield to extend beyond the last position of the record. Note that the user determines the record size of the keyfile in one of two ways: ■ By explicitly coding *record-size-n* ■ By coding FN=*file-name* if the auto-attributes option is in effect and *record-size-n* was not coded on the KEYFILE parameter Review the layout of the keyfile and make the appropriate modifications to the KEYFILE parameter. **Severity: F** **Modules: CULPFIKL**
C200180	**SPECIAL POSITIONING SPECIFIED FOR NON-TAPE FILE** The system encountered a request in the LT= keyword expression to bypass the indicated files or blocks, but the user did not specify tape input. The LT= option is valid only for tape input. **Severity: F** **Modules: CULPFIKL**
C200181	**DP= INVALID ON GROUP REC PARAMETER** CA-CULPRIT ignored a DP= specification on a GROUP REC parameter. A DP= specification can be coded on ELMNT REC parameters. **Severity: W** **Modules: CULPRECH**
C200182	**DP= SPECIFICATION IGNORED FOR MATCH** The user coded a DP= specification for a match-key field. The match is performed as though the field represented an integer value. **Severity: W** **Modules: CULP0**
C200183	**USER EDIT MASK EXCEEDS 64 CHARACTERS** A user edit mask exceeds the system limit of 64 characters. **Severity: E** **Modules: CULP46CH**

Message ID	Message
C200184	**SIZE OF ZERO IS ILLEGAL** CA-CULPRIT encountered a size specification of SZ=0 on a type 4, type 5, or type 6 edit parameter. **Severity: E** **Modules: CULP46CH**
C200185	**SCALING FROM PICTURE IGNORED** CA-CULPRIT detected a picture clause with trailing Ps while generating REC parameters from the data dictionary. This type of scaling is not permitted in a CA-CULPRIT run. **Severity: W** **Modules: CULPDRES**
C200186	**AUTO-ATTRIBUTES IS** *auto-attribute-option* This message indicates whether the CA-CULPRIT auto-attribute option is in effect in the data dictionary. CA-CULPRIT prints ON if the option is in effect and OFF if it is not. **Severity: I** **Modules: CULPDRES**
C200187	**INVALID PASSWORD** The CA-CULPRIT code specifies an invalid or null password on an =COPY/=MACRO parameter for LIBRARIAN or PANVALET processing. **Severity: E** **Modules: CULP0**
C200188	**ALL SUCCEEDING PARAMETERS IGNORED** This message confirms that the system ignored all parameters that follow this message in the Sequential Parameter Listing. This is an internal system error. CA-CULPRIT continues processing with only those parameters preceding the message. **Severity: W** **Modules: CULP0**
C200189	**OPERAND TOO LONG** In a keyword expression on a DATABASE parameter, the user coded an operand that exceeds the system limit of 8 characters. **Severity: F** **Modules: CULP0**

Message ID	Message
C200190	**RECORD NOT INCLUDED IN LOGICAL RECORD** CA-CULPRIT encountered a database record that qualifies a field name in the format *field-name (database-record OF logical-record)*, but the specified database record is not defined as part of the logical record on the data dictionary. **Severity: F** **Modules: CULPDRES**
C200191	**MORE THAN 100 LOGICAL RECORD PATHS** The system encountered more than 100 PATH parameters that contain logical records. Reduce the number of PATH parameters and resubmit the job. **Severity: F** **Modules: CULPDRES**
C200192	**PATH MAY HAVE ONLY 1 LOGICAL RECORD** CA-CULPRIT detected a PATH parameter that references more than 1 logical record. **Severity: F** **Modules: CULPDRES**
C200193	**MORE THAN 100 RECORDS ON PATH** The CA-CULPRIT code specifies more than 100 record names on a single PATH parameter. Reduce the length of the path and resubmit the job. **Severity: F** **Modules: CULPDRES**
C200194	**ERROR ON GENERATED RECORD PAST SYSIN EOF** Module CULPMASG generated a record after reading all the input parameters, for which the type of read necessary (for example, a PANVALET library or data dictionary) cannot be determined. This is an internal system error. **Severity: E** **Modules: CULP0**
C200195	**(CONT) ERROR OCCURRED NEAR source-code** The system detected an error while processing the WHERE clause on the indicated PATH parameter. This error message precedes the message that describes the specific WHERE clause error. *Source-code* is the last token in the token buffer when the error occurred. **Severity: F** **Modules: CULPMERR**

Message ID	Message
C200197	**QUALIFYING REC NAME NOT VALID** CA-CULPRIT encountered an error while processing the WHERE clause on a PATH parameter. The user coded a record name qualifier for the field name that exceeds the system limit of 32 characters. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200198	**EXPECTING #, DATANAME, OR NESTED EXPR AFTER + OR -** The user coded a keyword or a field name after a plus or minus sign in the WHERE clause on a PATH parameter. This error can occur if the element is not a numeric value, a database field name, or a nested expression. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200199	**INVALID OR MISSING OPERAND FOR RELATIONAL OPERATOR** The user coded a test operation (for example, EQ, GT) in the WHERE clause on a PATH parameter, but one of the operands is either missing or coded incorrectly. Valid operands are: numeric literals, numeric fields, and arithmetic expressions. **Severity: F** **Modules: IDMSGCND** **CULP0**
C200200	**INVALID EXPRESSION IN PARENTHESES** CA-CULPRIT encountered an invalid parenthetical expression in the WHERE clause on a PATH parameter. Valid parenthetical expressions can be a boolean expression, an arithmetic expression, a comparison expression, or a keyword that is known to the data dictionary. **Severity: F** **Modules: IDMSGEXP** **CULP0**

Message ID	Message
C200201	**2ND OPERAND MISSING IN EXPRESSION AFTER + OR -** The WHERE clause contains a valid operand, that is an expression, data field name, or number was recognized preceding a + or - sign. However, an invalid operand was found following it. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200202	**2ND OPERAND MISSING IN TERM AFTER * OR /** The WHERE clause contains a valid operand, that is an expression, data field name, or number was recognized preceding a * or / sign. However, an invalid operand was found following it. **Severity: F** **Modules: ADSOGEXP** **CULP0**
C200203	**NODE PASSED FROM CALLER IS IN ERROR. ABORT** CA-CULPRIT encountered an error with the dictionary node while processing a WHERE clause. This is an internal error. Call Computer Associates Technical Support. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200204	**CURRENT TERMINAL NODE HAS INVALID BR CODE. ABORT** CA-CULPRIT encountered an IDMS error with the current terminal node while processing a WHERE clause. This is an internal error. Call Computer Associates Technical Support. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200205	**INTERNAL STACK HAS INSUFFICIENT SPACE. ABORT** If processing did not terminate, a parse stack overflow would have occurred during the parsing of a data field name or expression. Reduce the number of nexted expressions or Call Computer Associates Technical Support to increase the size of the parse stack. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**

Message ID	Message
C200206	**ELEMENT DOES NOT EXIST IN DICTIONARY** A field that was encountered in the WHERE clause on a PATH parameter is not defined as either a field name or a keyword in the data dictionary. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200207	**ELEMENT DOES NOT EXIST IN SUBSCHEMA** The user coded a field name in the WHERE clause on a PATH parameter, but the element is not defined as a field name or a keyword in the subschema that was specified on the INPUT parameter. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200208	**BAD RETURN CODE FROM GNRC.**ABORT An internal routine (to validate data field names) passed an invalid return code to the expression parser for the WHERE clause. This is an internal error. Call Computer Associates Technical Support. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200209	**OVERFLOW OF EVALUATION BUFFER** An expression may have a maximum total of fifty operands and operators. Reduce the number of operations performed within the current expression. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200210	**ELEMENT NOT UNIQUE IN SUBSCHEMA** The user coded a field name in the WHERE clause on a PATH parameter, but the element exists in more than one record. Correct the CA-CULPRIT code by qualifying the field name with a record name. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**

Message ID	Message
C200211	**DATA TYPE INVALID WITH ARITHMETIC OPERATION** CA-CULPRIT detected an illegal data type in the WHERE clause on a PATH parameter. This error can occur if an operand in an arithmetic expression is defined in the data dictionary as an alphanumeric bit, 8-byte binary, or group field. **Severity: F** **Modules: IDMSGEXP -** **CULP0**
C200212	**LOGICAL CONJUNCTION OPERAND NOT DATA TYPE = BIT** CA-CULPRIT detected an invalid operand of a logical conjunction (that is, AND, OR, or NOT) while analyzing the WHERE clause on a PATH parameter. The operand must be either a comparison expression or a keyword that is defined to the data dictionary. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200213	**INVALID DATA TYPE OR LENGTH FOR MATCHES/CONTAINS OP** CA-CULPRIT detected an error in the WHERE clause on a PATH parameter. This error can occur because of one of the following: ■ The operand that was specified in a MATCHES or CONTAINS operation is the wrong data type. Valid data types are alphanumeric and unsigned zoned decimal. Literal values must be enclosed in quotation marks even if the literal values are compared to a zoned decimal field. ■ The second operand that was specified in a CONTAINS operation is longer than the first operand. The second operand must be less than or equal in length to the first operand. **Severity: F** **Modules: IDMSGEXP** **CULP0**

Message ID	Message
C200214	**SUBSCRIPT IS EXPECTED FOR THIS DATANAME.SCAN CONT** The user specified a multiply-occurring field in the WHERE clause on a PATH parameter, but the field was not referenced with a subscript. CA-CULPRIT continues to scan the rest of the WHERE clause for errors. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200215	**DIVISOR EXCEEDS MAXIMUM SIZE OF 8 BYTES** CA-CULPRIT detected a divisor in an arithmetic WHERE clause on a PATH parameter that exceeds the system limit of 8 bytes. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200216	**INSUFFICIENT STORAGE FOR THIS LITERAL** CA-CULPRIT's WHERE clause parsing routine ran out of storage when CA-CULPRIT tried to store a literal, a keyword, or a variable value. **Severity: F** **Modules: IDMSGEXP** **CULP0**

C200217	**OCCURS DEPENDING ON CTL FIELD NOT HALF OR FULLWORD**
	
	CA-CULPRIT detected an error while processing the WHERE clause on a PATH parameter. A field that was referenced in the WHERE clause is defined to the data dictionary by the OCCURS clause, as follows:
	
	`OCCURS occurrence-count-n TO occurrence-count-n`
	`TIME DEPENDING ON control-element-name`
	
	The *control-element-name* is not defined as a binary halfword or fullword field. To correct the data dictionary, define the *control-element-name* as a binary halfword or fullword field in the fixed portion of the record.
	
	Severity: F
	Modules: IDMSGEXP
	CULP0

Message ID	Message
C200218	**INSUFFICIENT STORAGE FOR THE GRE/GRD** CA-CULPRIT ran out of storage while processing the WHERE clause on a PATH parameter. This error can occur because of a complex WHERE clause. To correct the error, either simplify the clause or transfer some of the selection criteria to a SELECT parameter and resubmit the job. **Severity: F** **Modules: IDMSGEXP OR IDMSGCND** **CULP0**
C200219	**CONDITION NAME NOT VALID IN ARITHMETIC EXPRESSION** CA-CULPRIT detected an illegal condition in the arithmetic expression of the WHERE clause on a PATH parameter. Numeric operands are required in all arithmetic expressions; true/false values are not permitted. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200220	**KEYWORD NAME NOT VALID IN ARITHMETIC EXPRESSION** The user coded a keyword that is known to the data dictionary in the WHERE clause arithmetic expression of a PATH parameter. Valid operands in arithmetic expressions are numeric literals and numeric fields. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200221	**INVALID OR MISSING OPND FOR BOOLEAN AND/OR/NOT OP** The user coded an invalid boolean AND/OR/NOT operator in the WHERE clause on a PATH parameter. One of the following errors has occurred: ■ A valid condition preceding the keyword AND or OR was recognized, but no valid condition follows the keyword. ■ The keyword NOT was recognized, but no valid relational expression or paenthesized condition follows it. **Severity: F** **Modules: IDMSGCND** **CULP0**

Message ID	Message
C200222	**INVALID NESTED CONDITION** The system encountered an invalid nested condition in the WHERE clause on a PATH parameter. **Severity: F** **Modules: IDMSGCND** **CULP0**
C200223	**ERROR OF UNKNOWN ORIGIN** CA-CULPRIT detected an error while processing the WHERE clause on a PATH parameter, but the error code was not found in the CA-CULPRIT error message table in the CULPMERR module. **Severity: F** **Modules: CULPMERR** **CULP0**
C200224	**TOO FEW SUBSCRIPTS SPECIFIED** CA-CULPRIT detected the name of a multiply-occurring field WHERE clause on a PATH parameter, but no subscript is specified. Use a subscript to reference the multiply-occurring field. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200225	**ILLEGAL SUBSCRIPT** The user subscripted a field name that was coded in the WHERE clause expression on a PATH parameter, but the element is not a multiply- occurring field. Only multiply-occurring fields can be referenced with subscripts. For more information on multiply-occurring fields, refer to the *CA-Culprit Reference Guide*. **Severity: F** **Modules: IDMSGEXP** **CULP0**
C200226	**UNABLE TO PARSE WHERE CLAUSE** CA-CULPRIT encountered an error while trying to analyze the WHERE clause on a PATH parameter. This error message may be accompanied by other messages that provide greater detail. To evaluate the error, review the WHERE clause. **Severity: F** **Modules: CULPWHRE** **CULP0**

Message ID	Message
C200227	**TOKENS LEFT IN WHERE CLAUSE AFTER PARSE** CA-CULPRIT detected additional items while analyzing the WHERE clause on a PATH parameter and was unable to successfully complete the WHERE clause analysis. To evaluate this error, review the WHERE clause code. **Severity: F** **Modules: CULPWHRE** **CULP0**
C200228	**INVALID ASSEMBLY OF PROFILE CSECT** This message can occur if one or more errors were generated during the automatic assembly of the CULXPROF program at installation time. To evaluate the error, review the assembly listing of CULXPROF, make the appropriate changes, and reassemble the program. **Severity: F** **Modules: CULPDFRE** **CULP0**
C200229	**PATH PARAMETER IS REQUIRED** CA-CULPRIT encountered an INPUT parameter with a DB file type. The DB file type on the INPUT parameter caused CA-CULPRIT to expect a PATH parameter, and none was found. **Severity: F** **Modules: CULP0**
C200230	**ILLEGAL CONTINUATION** An =MACRO expansion caused a continuation line for a title parameter. A TITLE parameter cannot be continued to a second line. **Severity: E** **Modules: CULPDFRE**
C200231	**"USE" SYNTAX ERROR:** **(CONT) EXPECTED use-option** **(CONT) FOUND incorrect-option** CA-CULPRIT prints this message when it encounters invalid syntax for the USE parameter. **Severity: E** **Modules: CULPUSYN**

Message ID	Message
C200234	**NO DEFINITION FOUND FOR "USE" KEYWORD -** *use-keyword* A keyword that was not in a DEFAULT parameter was used in the WITH VALUES clause. The DEFAULT parameter is needed to associate argument numbers with values. **Severity: E** **Modules: CULPUSYN**
C200236	**"USE" OR "END" AND =MACRO/=COPY NOT ALLOWED IN SAME RUN** The CA-CULPRIT code contains both a USE parameter and either an =COPY or =MACRO parameter in the same run. Use one or the other, but not both. **Severity: F** **Modules: CULP0**
C200237	**RETURN CODE FROM CULPMASG IS INVALID - HEX** *code* The USE message routine returned an invalid code to CA-CULPRIT. CA-CULPRIT prints the 1-digit code in hexadecimal. Check the syntax of the line above this message. **Severity: F** **Modules: CULP0**
C200238	**WILL USE STANDARD LIBRARIES - LIBRARY SYSTEM REQUESTED NOT KNOWN *library-name*** The PROFILE parameter specifies a library name in the PARMLIB= keyword expression that is not known to CA-CULPRIT. CA-CULPRIT uses STANDARD as the default. **Severity: W** **Modules: CULP0**
C200239	**CANCEL WITH DUMP TO AID PROBLEM DIAGNOSIS** CA-CULPRIT prints this message when it forces an abend with a dump. CA-CULPRIT sets the error level to X'FF', which is detected by the CULP0 step. CULP0 then changes the level to F, prints the message, cancels the run, and prints the dump. **Severity: F** **Modules: CULP0**

Message ID	Message
C200240	**MORE THAN 1 "WITH VALUES" CLAUSE SPECIFIED FOR "USE"** CA-CULPRIT encountered more than one WITH VALUES clause in a USE parameter. Only one WITH VALUES clause is allowed. **Severity: E** **Modules: CULPUSYN**
C200241	**MORE THAN 35 PARAMETER VALUES SPECIFIED** More than 35 positional or keyword values were coded in the WITH VALUES clause of the USE parameter. Reduce the number to 35 or less and resubmit the job. **Severity: E** **Modules: CULPUSYN**
C200242	**INVALID SYNTAX IN "VALUE" OR "DEFAULT" EXPRESSION** **(CONT) SKIPPING TO NEXT CA-CULPRIT PARAMETER OR USE/&&N** CA-CULPRIT encountered invalid syntax in the WITH VALUES or DEFAULT clauses. The syntax is invalid for one of the following reasons: ■ *&&n* is followed by a blank, comma, or right parenthesis. ■ *Keyword-k=* is followed by a blank, comma, or right parenthesis. ■ *&&n=keyword-k=keyvalue* is not on a complete line. CA-CULPRIT skips over items subordinate to the clause in error and resumes parsing when it encounters the beginning of a new higher level item. **Severity: E** **Modules: CULPUSYN**
C200244	**INVALID RANGE OF COLUMNS/STMT # S/LINE # S/SEQ #** CA-CULPRIT encountered an invalid range of column numbers, process definition sequence numbers, edit line numbers, or identifiers coded in columns 73 through 80 in a USE parameter clause. **Severity: E** **Modules: CULPUSYN**

Message ID	Message
C200245	**MORE THAN 4K MAXIMUM REQUIRED FOR TABLE FOR** *table-name* A CA-CULPRIT internal control block exceeded its maximum size. One solution is to split a large USE member into two smaller members. Otherwise, try the solutions listed below for particular control blocks: ■ FIXADDR — Reduce the number of statements that need to be renumbered. ■ ARGADDR — Reduce the number of symbolic parameters. ■ KWADDR — Reduce the number of symbolic parameters. **Severity: E** **Modules: CULPUSYN**
C200246	**SPECIAL NAME IN DOUBLE QUOTES IS INVALID** CA-CULPRIT encountered an invalid name in double quotation marks for one of the following reasons: ■ The closing double quotation mark is missing. ■ The name is longer than 32 characters. ■ No characters are coded for the name. **Severity: E** **Modules: CULPDFRE GETWORD SUBROUTINE**
C200248	**NO ROOM FOR RENUMBERED RESULT SEQUENCE NUMBER** After renumbering the sequence numbers on a line, the line length exceeds 71 characters. Split the line in two by using a continuation character (*). **Severity: E** **Modules: CULPUNUM**
C200249	**DICTIONARY READ MODULE, CULPDICR, NOT LINKED** The USE parameter specifies a dictionary module name, but the dictionary read module, CULPDICR, is not linked. **Severity: E** **Modules: CULPUSYN**
C200250	**SEARCH REQUESTED FOR STRING OF LENGTH ZERO** A CHANGE, DROP, or KEEP instruction is invalid because it has a null literal string for which to search. **Severity: E** **Modules: CULPUSYN**

Message ID	Message
C200251	**"USE", "END", OR "DEFAULT" IS OUT OF PLACE** A USE, END, or DEFAULT parameter is out of place. These parameters must be the first keywords on a line. **Severity: E** **Modules: CULPUSYN**
C200252	**"END" STATEMENT NOT PAIRED WITH "USE *"** An END statement was found with no corresponding USE * parameter. Delete this line from your program. **Severity: E** **Modules: CULPUSYN** **CULPUSE**
C200253	**EXPANDED CARD IS INVALID** Either 72 bytes of data on a parameter expanded to more than 256 bytes (excluding trailing blanks) or a quoted expression could not be completed on a single continuation card. CA-CULPRIT continues the parameter on continuation lines, which may not be valid. **Severity: E** **Modules: CULPUVCD**
C200254	**TOO MANY NESTED "USE" STATEMENTS** **(CONT) CA-CULPRIT WILL SUBSTITUTE** The CA-CULPRIT code contains more than 20 nested USE parameters. Twenty is the limit. **Severity: E** **Modules: CULPUSE**
C202002	**TYPE=COPY INVALID ON SECONDARY IN CARD** In a CA-CULPRIT run that consolidates tables, a secondary INPUT parameter specifies TYPE=COPY. CA-CULPRIT automatically changes it to TYPE=CONSOL. **Severity: W** **Modules: CULPFIKL**
C202003	**TYPE=COPY REQUIRED FOR PRIMARY IN CARD** In a CA-CULPRIT run that consolidates tables, the first INPUT card must specify the keyword expression TYPE=COPY. **Severity: W** **Modules: CULPFIKL**

Message ID	Message
C202004	**OPERAND EXCEEDS LIMIT OF 8 CHARACTERS** The names assigned to the following keyword expressions must be from 1 to 8 characters: ■ CVMACH= ■ DBNAME= ■ DBNODE= ■ DD= ■ DICTNAME= ■ DICTNODE= ■ LOCATION= ■ PW= ■ SYSCTL= ■ USER= **Severity: E** **Modules: CULPFIKL** **CULPIDB**
C202005	**OPERAND EXCEEDS LIMIT OF 16 CHARACTERS** The value assigned to the argument must be from 1 to 16 characters. **Severity: E** **Modules: CULPFIKL** **CULPIDB**
C202006	**OPERAND EXCEEDS LIMIT OF 32 CHARACTERS** The values assigned to the following keyword expressions must be from 1 to 32 characters: ■ FN= ■ LRFNAME= ■ AREA= **Severity: E** **Modules: CULPFIKL** **CULPIDB**

Message ID	Message
C202007	**OPERAND EXCEEDS LIMIT OF 64 CHARACTERS** The name assigned to the TABLE= keyword expression must be from 1 to 64 characters in length. Check the name assigned in your code and resubmit the job. **Severity: E** **Modules: CULPFIKL** **CULPIDB**
C202008	**KEYWORD ONLY VALID FOR DATA TABLES** The CA-CULPRIT code specifies a keyword that is valid only in runs that access an ASF table. These include: ■ AREA= ■ CATALOG= ■ CHANGE= ■ COMMENT= ■ COMMIT= ■ DISPLAY= ■ ERASE= ■ LOAD= ■ LOCATION= ■ ONLINE= ■ OWNER= ■ SIZE= ■ TABLE= ■ TYPE= ■ VALIDATE= **Severity: E** **Modules: CULPFIKL** **CULPIDB**
C202009	**KEYWORD ONLY VALID FOR PRIMARY DATA TABLE** The CA-CULPRIT code specifies a keyword that is valid only when it is associated with the primary table in a run that consolidates tables. **Severity: E** **Modules: CULPFIKL** **CULPIDB**

Message ID	Message
C202010	**DATA TABLES REQUIRE TABLE= KEYWORD** The INPUT or OUTPUT parameters in a run that accesses tables must specify the keyword expression TABLE=, naming the table that you want to access. **Severity: E** **Modules: CULPFIKL** **CULPIDB**
C202011	**KEYWORD ONLY VALID FOR SQL ACCESS** The following keywords are only valid if SQL access is specified: ■ SCHEMA = ■ SQL = ■ BULKROWS = **Severity: E** **Modules: CULPFIKL**
C202012	**EXPECTING "NOT NULL". UNKNOWN SYNTAX IGNORED** When defining an edit parameter for an SQL CREATE function, the phrase NOT NULL has no abbreviations. The unknown syntax is ignored. **Severity: W** **Modules: CULP46CH**
C202013	**EXPECTING "WITH DEFAULT". UNKNOWN SYNTAX IGNORED** When defining an edit parameter for an SQL CREATE function, the phrase WITH DEFAULT has no abbreviations. The unknown syntax is ignored. **Severity: W** **Modules: CULP46CH**

3.5 Range 300 messages

Message ID	Message
C300000	**NO PARAMETER INPUT - JOB ENDED** CA-CULPRIT detected no valid user parameters in the run. To evaluate this error, check the JCL. **Severity: F**
C300001	**INPUT PARAMETER MISSING** No INPUT parameters were encountered in the CA-CULPRIT parameter stream. At least one INPUT parameter is required for a CA-CULPRIT run. **Severity: F**
C300002	**REC PARAMETER IS MISSING** The user coded no REC parameters, and the data dictionary generated no REC parameters for the run. Code at least one REC parameter for every CA-CULPRIT run. **Severity: F**
C300003	**EXTRACT NOT PERFORMED AT USERS REQUEST** This message confirms that the user requested that no extract be performed (that is, the user coded EX=NO on the PROFILE parameter). **Severity: I**
C300004	**EDIT PARAMETER MISSING** No type 5 edit parameter was entered for a report. CA-CULPRIT requires at least one type 5 edit parameter for each report. **Severity: E**
C300005	**REPORT NUMBER IS INVALID** An illegal report number was specified on an input parameter or as an operand on an =COPY, =MACRO, or REPORT= instruction. Valid report numbers are 00 through 99. If the error occurs in the REPORT= instruction, the invalid entry is underscored with asterisks. **Severity: E**
C300006	**CARD TYPE IS INVALID** A card type that cannot be identified by CA-CULPRIT was encountered in the CA-CULPRIT parameter stream. **Severity: E**

Message ID	Message
C300007	**FIELD NAME PREVIOUSLY DEFINED** A field name was encountered that duplicates the name of a previously defined field. Duplicate field names must be qualified by unique record names. **Severity: E**
C300008	**DUPLICATE INPUT PARAMETER** Two or more INPUT parameters have been entered for the same input file. Qualify each input file with a DD= keyword expression that points to a different input file. **Severity: F**
C300009	**INPUT RECORD SIZE IS INVALID** CA-CULPRIT detected an invalid record size on an INPUT or KEYFILE parameter. The record size is a nonnumeric value, 0 (zero), or it exceeds the system limit of 32K. **Severity: F**
C300010	**LABEL TYPE IS INVALID** Either the label type specified on the INPUT parameter is N but the file type is not CARD or PS(TAPE) or the label is A but the file type is not PS. The invalid entry is underscored with asterisks. **Severity: F**
C300011	**EDIT INDICATORS GIVEN FOR A/N FIELD** Edit specifications other than size (that is, format, decimal, or user mask) were coded on an edit parameter for a field that is defined as alphanumeric. All such specifications are ignored. **Severity: W**
C300012	**RECORD TYPE IS INVALID** CA-CULPRIT encountered an invalid record type on an INPUT or KEYFILE parameter. If a record type is coded, valid specifications are F, V, or U. **Severity: F**

Message ID	Message
C300013	**BLOCK SIZE MISSING OR INVALID** The block size on an INPUT or KEYFILE parameter is invalid, as described below: ▪ **All users —** – The size is a nonnumeric value. – The size is less than 12 for a tape file. – The size exceeds the system limit of 32K. ▪ **VSE/ESA users only —** – The size for a disk file exceeds the track capacity for the device type. – The size for a fixed-length record file is not an even multiple of the record size. **Severity: F**
C300014	**RECSIZE OR BLKSIZE WRONG FOR CARD FILE** **VSE/ESA users only** — The record or block size for a card input file is invalid. **Severity: F**
C300017	**SPECIFIED DEVICE TYPE IS INVALID** CA-CULPRIT encountered a request for a device type on an INPUT or KEYFILE parameter, but the device type is not known to the system. For a complete listing of valid device types, refer to the *CA-Culprit Reference Guide*. **Severity: F**
C300018	**ISAM KEY MISSING OR INVALID** The user requested ISAM file output, but the first sort key that was coded on the SORT parameter does not appear on a type 5 edit parameter. **Severity: F**
C300019	**E-LEVEL ERRORS - EXTRACT NOT PERFORMED** E-level errors occurred that prevent processing for all reports. Either no error-free reports exist or the PROFILE parameter does not indicate that error-free reports should be produced. **Severity: F**

Message ID	Message
C300020	**DUPLICATE SORT CARD** CA-CULPRIT encountered more than one SORT parameter for this report. **Severity: E**
C300021	**DUPLICATE OR INVALID FIELD POSITION** The system encountered a duplicate or invalid starting position on a REC or edit parameter: ■ REC parameter — The starting position is either nonnumeric or 0 (zero) for a non-match-file run. ■ Edit parameter — The starting position is a nonnumeric value, an invalid info-column, 0 (zero) for an alphanumeric field on a type 5 parameter, 0 (zero) on a type 4 or type 6 parameter, or a duplicate of the starting position that was specified on a previous edit parameter that has the same type and line number. **Severity: E**
C300022	**DATA TYPE IS INVALID** The system encountered an invalid or illegal data type on a REC parameter. For numeric field data types, code data types 1 through 5. Omit the data type on alphanumeric or GROUP REC parameters. For multiply-occurring fields, enter the data type on ELMNT REC parameters. **Severity: E**
C300023	**FIELD SIZE IS INVALID** The system encountered an invalid field size on a REC, KEYFILE, or edit parameter. The invalid field size is 0 (zero), nonnumeric, or greater than the sytem limit for the associated data type. **Severity: E**
C300024	**FIELD POSITION EXTENDS BEYOND RECORD** The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the input record. CA-CULPRIT does not read the data that extends beyond the end of the record. (This is an E-level message if it applies to a field on a type 5 or 6 edit parameter.) **Severity: W, E**

Message ID	Message
C300025	**DUPLICATE OUTPUT CARD** The system encountered more than one OUTPUT parameter for this report. Correct your CA-CULPRIT code so that there is only one OUTPUT parameter for each report number. **Severity: E**
C300026	**OUTPUT FILE TYPE INVALID** The user coded an invalid file type or a file type with an invalid qualifier on an OUTPUT parameter. **Severity: E**
C300027	**CONTROL BREAK CODE INVALID** The system encountered an invalid break code for a sort key on a SORT parameter. Valid codes are: ■ 1, 0, +, -, or a blank space — Use these codes for printed reports or reports written through a user module. ■ 1, +, or a blank space — Use these codes for all other reports. **Severity: E**
C300028	**LINES/PAGE INVALID** An invalid LP= specification was coded on the OUTPUT parameter. The value either is nonnumeric or exceeds 32K. The invalid specification is underscored with asterisks when the error appears in the Sequential Parameter Listing. **Severity: E** **Modules: CULPOUKL**
C300029	**TOTAL/DETAIL NOT T, D, OR BLANK** On an OUTPUT parameter, the total/detail indicator is not T, D, or blank. **Severity: E** **Modules: CULPOUCH**

Message ID	Message
C300030	**OUTPUT RECORD SIZE INVALID** The user coded an invalid record size on an OUTPUT parameter; the record size is invalid for one of the following reasons: ■ The specified size is nonnumeric or 0 (zero). ■ The specified size exceeds either 32K or 132K for a VSE/ESA print file. ■ The specified size exceeds the track size of the disk device to which the output file is defined. **Severity: E** **Modules: CULPOUCH**
C300031	**RUN CANCELLED DUE TO INSUFFICIENT STORAGE** CA-CULPRIT canceled the job due to insufficient storage to hold the module, table, or buffer named in subsequent messages. The continuation message indicates the additional number of bytes that are necessary to hold the entity. For more information on this message, see Chapter 5, “Abend Codes” on page 5-1. **Severity: F**
C300032	**FIELD IS UNDEFINED** The user coded an invalid field on a CA-CULPRIT parameter. This error can occur if the field is not defined or is defined incorrectly (for example, a misspelled field name) on a REC, work field definition, or implied subscript parameter. **Severity: E**
C300033	**SORT FIELD EXCEEDS PROGRAM CAPACITY** The combined size of all sort fields specified on the SORT parameter exceeds 240 bytes. Note that one byte per sort field is reserved for CA-CULPRIT system use. **Severity: E**
C300034	**NO ENDING APOSTROPHE** A beginning apostrophe was found on a parameter, indicating that a literal will follow, but no ending apostrophe can be found. Note that two consecutive apostrophes with no intervening blank space (that is, '') do not constitute beginning and ending apostrophes. **Severity: E**
C300036	**SORT SEQUENCE UNSPECIFIED FOR ISAM OUTPUT** The user requested ISAM file output, but the ISAM key is not specified as the major sort field on the sort parameter. **Severity: E**

Message ID	Message
C300037	**DUPLICATE OR ILLEGAL TITLE PARAMETER** A duplicate or illegal type 3 title parameter was encountered in the CA-CULPRIT parameter stream. Either the title parameter is not the first parameter encountered for the report or the number of characters in the title plus the 33 characters for report number, page, and date (40 characters if a time stamp was requested) exceeds the record size that was specified on the OUTPUT parameter. **Severity: E**
C300038	**LINE NUMBER IS INVALID** The system encountered an invalid line number on a type 4, type 5, or type 6 edit parameter. Valid line number values are 1 through 8. **Severity: E** **Modules: CULP46CH**
C300039	**INCOMPATIBLE VERSIONS OF CULP0 AND CULL** The version number from CULP0 does not match the version number in CULL. Check your STEPLIB specifications in your JCL. Be sure to use CULP0 and CULL programs from the same release of CA-CULPRIT. **Severity: F** **Modules: CULL**
C300040	**OVERLAPPING OUTPUT FIELDS** The user coded an output data field that overlaps the preceding output field on an edit parameter. The only output position that can overlap from one field to the next is a trailing sign on numeric data. **Severity: E**
C300041	**CARRIAGE CONTROL IS INVALID** The user specified an invalid spacing (that is, carriage control) character on a type 4, type 5, or type 6 edit parameter. Valid codes are: -, +, A, B, C, V, W, 0 through 9, or a blank space. The invalid character is underscored with an asterisk. **Severity: E**

Message ID	Message
C300042	**USER MUST OUTPUT FIELD WITH HEAD COMMAND** A field is referenced on a type 4 header edit parameter, but the field is not defined as a sort key field on the SORT parameter. Use the branch to HEAD instruction on a type 7 parameter to make the field available to the header line. This message prints whether or not such action is included in the procedure code. **Severity: W**
C300043	**USER MODULE NAME IS INVALID** CA-CULPRIT detected an invalid user module name. The user coded UM on an OUTPUT parameter, but the module name is invalid because of one of the following conditions: ■ The name is missing. ■ The name is longer than 8 characters. ■ The name is not enclosed in parentheses. **Severity: E**
C300044	**UNABLE TO CONTINUE COMPILATION DUE TO ERRORS** CA-CULPRIT detected an internal table overflow. This error can occur if the current or previously processed parameters contain E-level or F-level errors. If the error condition occurs while CUPRIT is processing a parameter, that parameter may not be printed. Correct any E-level or F-level errors. Be sure that no errors are in the parameter that was to be processed after the last printed parameter, and resubmit the job. **Severity: E**
C300045	**TOTAL LINE FIELD IS INVALID** A field defined on a REC parameter was specified on a type 6 total edit parameter but was not named on a type 5 detail or SORT parameter. This field cannot be referenced in type 8 total-processing logic. **Severity: E**
C300046	**RESULT SEQUENCE IS INVALID** The user coded an invalid result field sequence number on a process definition parameter; the result field sequence number must be numeric. **Severity: E**

Message ID	Message
C300047	**FIELD 1 IS INVALID** The user coded an invalid value as the first operand of a type 7 or type 8 process definition parameter: ■ The operand either is not defined or is defined incorrectly. ■ The operand is an alphanumeric field that is used with an arithmetic instruction. ■ The operand is a total-time reference to an alphanumeric field that is not a sort key or a work field. ■ The operand is not a valid alphanumeric literal, numeric literal, or field name. ■ The operand is a reserved word that is used improperly. **Note:** The *CA-Culprit Reference Guide* contains a complete list of reserved words and keywords. **Severity: E**
C300048	**FIELD 2 IS INVALID** The user coded an invalid value as the second operand of a type 7 or type 8 process definition parameter: ■ The operand is either not defined or is defined incorrectly. ■ The operand is a total-time reference to an alphanumeric field that is not a sort key or a work field. ■ The operand is a type of literal that is different from the field specified in field 1. ■ The operand is an alphanumeric literal, and the operation code is an arithmetic function. ■ The operand is EOF (that is, end-of-file), but the operation code is not valid. If EOF is specified the test operation must be EQ, NE, or one of their optional forms. ■ The operand is not a valid alphanumeric literal, numeric literal, or field name. ■ The operand is a reserved word that is used improperly. **Note:** The *CA-Culprit Reference Guide* contains a complete list of reserved words and keywords. **Severity: E**

Message ID	Message
C300049	**RESULT FIELD IS INVALID** The user specified an invalid result field name on a process definition parameter. The invalid entry is underscored with asterisks. Possible causes of this error follow: ■ Field 1 is PICK or UNPICK, but the result field name either is not a numeric literal or is an invalid line number. ■ The result field name is a numeric literal, but the operation is not GOTO, PERFORM, B, IF, or a test. ■ The result field name is ARG*n*, but either the operation is not a MOVE or the parameter is not a type 7 input procedure statement. The reserved word ARG*n* is valid only on a type 7 MOVE statement. ■ The result field name is PAGE, but either the operation is not a MOVE or the parameter is not a type 8 total-procedure statement. The reserved word PAGE is valid only on a type 8 MOVE statement. ■ The result field name is one of the reserved words TAKE, DROP, RELS, HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, or US00 through US99, and the operation is not a test or a branch. ■ The result field name is not defined or is defined incorrectly. ■ The operation is a PERFORM statement, but the result field is not a numeric sequence number. ■ The operation is a BRANCH or test operation, but the result field name is not a numeric sequence number or a reserved word (that is, TAKE, DROP, and RELS for type 7 and type 8 parameters; HEAD, STOP, STOP-RUN, STOP-RPT, DB-EXIT, and US00 through US99 for type 7 parameters). ■ The operation is a BRANCH, PERFORM, or test operation, but the result field exceeds the system limit of 999. ■ The result field name is a reserved word that is used improperly. **NOTE:** The *CA-Culprit Reference Guide* contains a complete list of reserved and keywords. **Severity: E**

Message ID	Message
C300050	**BACKWARD SEQUENCE NUMBER REFERENCE MAY CAUSE LOOP** The system encountered a process definition parameter whose result field is sequence number that identifies a process definition parameter that was already processed by the system. Processing continues, but check the logic to ensure that an infinite loop does not result. **Severity: W**
C300051	**OPERANDS ARE CONFLICTING DATA TYPES** The user coded operands of different data types on the same type 7 or type 8 process definition parameter. Both operands must be either numeric or alphanumeric. **Severity: E**
C300052	**DUPLICATE OR INVALID SEQUENCE NUMBER** The system encountered a duplicate or invalid sequence number on a type 7 or type 8 process definition parameter. This error can occur if the sequence number is nonnumeric, or if the sequence number was previously coded in the CA-CULPRIT parameter stream. **Severity: E**
C300053	**OPERAND ILLEGAL WITH SPECIFIED OP CODE** CA-CULPRIT detected an operand that conflicts with the operation code on a type 7 or type 8 process definition parameter. Possible causes of this error follow: ■ An operation requires two operands, but one or both of the operands are missing. ■ An operand is alphanumeric, but the operation code is arithmetic. ■ An EOF (end-of-file) test is indicated, but the operation code is neither EQ (equal) or NE (not equal). **Severity: E**

Message ID	Message
C300054	**UNRESOLVED BRANCH LABEL *branch-label*** **(CONT) DETECTED IN STATEMENT –** internal-sequence-number The system encountered a branch operation code on a type 7 or type 8 process definition parameter, but the result sequence number does not exist. The continuation message names the internal sequence number of the statement where the unresolved branch occurred. To evaluate this error, review the statement with the indicated internal sequence number in the process definition parameters in the Input Parameter Listing. **Severity: E**
C300055	**E-LEVEL ERRORS - REPORT NOT PROCESSED** CA-CULPRIT detected E-level errors that prevent processing for this report. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing. **Severity: E**
C300056	**FATAL ERRORS - EXTRACT NOT PERFORMED** The system detected F-level errors that prevent processing of the input file. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing. **Severity: F**
C300057	**FIELD NAME IS INVALID** The user coded an invalid name of a qualifying record name for a field. The entry is invalid because it exceeds the system limit of 32 characters, it does not contain at least one alphabetic character, or it begins or ends with - (a hyphen). **Severity: E**
C300058	**TOTAL ILLEGAL - DETAIL REPORT SPECIFIED** Type 6 or type 8 total-time parameters were encountered in the CA-CULPRIT parameter stream, but the OUTPUT parameter indicates that only detail lines should be generated for this report. **Severity: E**
C300059	**NO VALID REPORT-SPECIFIC PARAMETERS** The system detected no report-specific parameters in this run. Each run must contain at least one type 5 edit parameter. **Severity: F**

Message ID	Message
C300060	**COMPARE FIELDS ARE UNEQUAL - SMALLER FIELD IS USED** The user coded two alphanumeric fields of different sizes as operands in a test operation. CA-CULPRIT performs the test operation from left to right and ignores the excess right-most characters of the longer field. **Severity: W**
C300061	**MOVE FIELDS UNEQUAL-RESULT LENGTH USED** The user moved an alphanumeric field to a result field of a different length. CA-CULPRIT executes the move, but truncates or pads the field, as follows: ■ If the result field is shorter than the sending field, excess characters are truncated on the right. ■ If the result field is longer than the sending field, spaces are added on the right. **Severity: W**
C300062	**STOP OR STOP-RUN TERMINATES ALL REPORTS** A STOP or STOP-RUN instruction was encountered on a type 7 input procedure parameter. When this instruction executes, the input file is closed and no further input records are available to any reports. The record being processed will be available to all reports, and an end-of-file (EOF) condition will be returned after all reports have seen that record. **Severity: W**
C300063	**ILLEGAL RESULT FIELD IN TOTAL PROCEDURE** The system detected an invalid result field on a type 8 total-procedure parameter. The following field types cannot be used as result fields on type 8 parameters: ■ A sort-key field that is used in the same report ■ A field that is defined on a REC parameter **Severity: E**
C300064	**FORMAT CODE IS INVALID** The user coded an invalid format code on an edit parameter. This error can occur if the number of digits exceeds the field size, or if the format code is not F*, F$, FN, FM, FP, FZ, F0 through F9, F-, FF, FC, FS, FU, FW, FB, or FD. **Severity: E**

Message ID	Message
C300065	**FIELD POSITION EXCEEDS BUFFER CAPACITY** A field position that extends beyond addressable space was specified on a REC or edit parameter. The maximum input and output buffer capacity is 32K. **Severity: E**
C300066	**INVALID CONTROL RECORDS.**CULP0/SORT NOT RUN The parameter file that was input to the compile phase (that is, CULL step) contains invalid data. A probable cause of the problem is an error in the JCL for the precompile phase, the parameter sort phase, or the compile phase. **Severity: F**
C300067	**FIELD POSITION EXTENDS BEYOND RECORD** The sum of the starting position and the size of the data field placed part or all of the specified field beyond the end of the OUTPUT record defined on an OUTPUT parameter. **Severity: E**
C300068	**ERRORS DETECTED IN CULP0 STEP** CA-CULPRIT detected errors in the precompiler phase (that is, CULP0 step) that prevent processing of the current report. This message prints during the compile phase (that is, CULL step). **Severity: E**
C300069	**MIXED POSITION DEFINITION** Both exact print positions and info-columns were specified on edit parameters that describe a single edit line. Only one type of position definition can be used for a given edit line. **Severity: E**
C300070	**OVERLAPPING AUTOMATIC HEADERS** The user specified auto-headers on edit parameters, but when the headers are centered over the data fields on the output report the auto-headers overlap. To correct this error, reduce the header length or increase the space between output fields and resubmit the job. **Severity: E**

Message ID	Message
C300071	**AUTO-HEADER EXTENDS BEYOND RECORD** The placement of an auto-header over a data field resulted in an invalid starting or ending position for the header of an output record. Check the headers that are coded for this field in the type 5 edit or REC parameters. Note that an attempt to center a long header over a field that is in a valid position may cause the header to extend beyond the beginning or end of the record. **Severity: E**
C300072	**INFO-COLUMNS EXTEND BEYOND RECORD** The sum of the widths of all info-column data exceeds the output record length. **Note:** The width of an info-column is the maximum size of any header, detail, or total field that appears in that column. At least one space must be left at each margin and between each pair of columns. **Severity: E**
C300073	**DECIMAL POINT SPECIFICATION IGNORED** The user coded a decimal place specification (that is, DP=) on a field intended for use with a user edit mask (that is, the format code is FM). CA-CULPRIT ignores the decimal place specification. **Note:** The user can correctly code a decimal point in an edit mask (that is, FM 'Z,ZZZ,ZZ9.99'). **Severity: W**
C300074	**USER MASK MISSING OR INVALID** An invalid user edit mask was requested on a type 4, type 5, or type 6 edit parameter. **Severity: E**
C300075	**PRINTED OUTPUT RECORD SIZE EXCEEDS 132** **VSE/ESA users only** — The user coded a record size that exceeds the system limit of 132 characters for an output print file. **Severity: W**
C300076	**TITLE PARAMETER FOR NON-PRINTED REPORT** This message confirms that CA-CULPRIT accepted a type 3 title parameter for nonprint output. The report title appears as the first record in the output file. **Severity: W**

Message ID	Message
C300077	**PARAMETER HAS INVALID CHARACTER IN COLUMN 1** An invalid nonblank character was coded in column 1 of an output parameter. The only characters that are allowed in this column are the continuation character (that is, *) and the equal sign (that is, =). **Severity: F**
C300078	**F-LEVEL ERROR DETECTED IN CULP0 STEP** CA-CULPRIT encountered an F-level error during the precompile phase (that is, CULPO step). CULP0 may also have produced messages of a lower severity level (for example, E level or W level) for this parameter. **Severity: F**
C300079	**E-LEVEL ERROR DETECTED IN CULP0 STEP** CA-CULPRIT detected an E-level error during the precompile phase (that is, CULPO step). CULPO may have also produced messages of a lower severity (for example, W level) for this parameter. **Severity: E**
C300080	**W-LEVEL ERROR DETECTED IN CULP0 STEP** This message indicates that the system flagged the parameters that associated with the message in the precompile phase (that is, CULPO step) with a severity-level W message. To evaluate this error, review the Sequential Parameter Listing. **Severity: W**
C300081	**ALPHA OR NUMERIC WORK FIELDS EXCEED 32K** The total storage requested for either global or report-specific alphanumeric or numeric work fields exceeds 32K. If the job contains two or more reports, split the job in two. **Severity: E**
C300082	**FATAL ERRORS DETECTED IN CULP0 STEP** The system detected F-level errors in the precompile phase (that is, CULPO step). To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing. **Severity: F**

Message ID	Message
C300083	**GROUP ID IS INVALID** A group ID was not properly coded on a GROUP REC or ELMNT REC parameter. The invalid ID is underscored with asterisks. **Severity: F**
C300084	**GROUP ALREADY DEFINED** The group ID specified on a GROUP REC parameter was specified for a previous group. Group ids must be unique. **Severity: F**
C300085	**GROUP ID NOT SPECIFIED** A GROUP REC parameter has no group ID specification. **Severity: F**
C300086	**OCCURRENCE SIZE IS INVALID** CA-CULPRIT detected an invalid group length on a GROUP REC parameter. This error can occur for singly-occurring and multiply-occurring groups, as follows: ■ Singly-occurring groups — The group length is nonnumeric or exceeds the system limit of 32K. ■ Multiply-occurring groups — The group length is nonnumeric or exceeds the system limit of 32K when multiplied by the number of occurrences. **Severity: F**
C300087	**NUMBER OF OCCURRENCES MISSING** The system encountered no occurrence count specification on a GROUP REC parameter. A possible cause of this error is that a period does not immediately precede the specification. **Severity: F**
C300088	**NUMBER OF OCCURS IS INVALID** The user coded an occurrence count specification on a GROUP REC parameter; the specification is invalid for one of the following reasons: ■ The specification is nonnumeric. ■ The specification exceeds the system limit of 32K. ■ The specification exceeds the value of the record length when multiplied by the value of the group length. **Severity: F**

Message ID	Message
C300089	**LINK GROUP UNDEFINED link-group-id** The user coded link-group-id on a GROUP REC parameter, but the entry was not defined correctly as a group ID on a previous GROUP REC parameter. **Severity: F**
C300090	**DEPENDING ON FIELD UNDEFINED FOR GROUP group-id** The field name that was specified on a GROUP REC parameter as the occurrence count for a multiply-occurring input field is invalid; the field name either was not defined or was defined incorrectly in the fixed portion of the input record. **Severity: F**
C300091	**DEPENDING ON FIELD NOT FIXED FOR GROUP group-id** The field name that was specified on a GROUP REC parameter as the occurrence count for an multiply-occurring field is invalid; the field was not defined in the fixed portion of the input record (that is, the portion with an absolute starting location within the record). **Severity: F**
C300092	**SYMBOL NAME PREVIOUSLY DEFINED** The user coded a base field name on a type 15 implied subscript parameter, but that parameter was previously defined. The base field name is either a name that was defined on an implied subscript parameter or an element of a group that was referenced on an implied subscript parameter. **Severity: E**
C300093	**SUBSCRIPT IS NOT A NUMERIC WORKFIELD** The user referenced a multiply-occurring field on a type 6 or type 8 total-time parameter. The subscript that references the field is neither a numeric work field nor an absolute numeric value. The subscript cannot be a sort key or a type 5 field parameter. **Severity: E**
C300094	**REFERENCE MUST USE SUBSCRIPT PARAMETER** The user referenced a field without a subscript on an input parameter, but the field was defined in a multiply-occurring group on an ELMNT REC parameter. To correct this error, use a subscript to reference the field that is defined in the multiply-occurring group. **Severity: E**

Message ID	Message
C300095	**SUBSCRIPT IS NOT NUMERIC** The system encountered a nonnumeric subscript in the CA-CULPRIT parameter stream. To correct this error, use either a numeric literal or a numeric work or input field as a subscript. **Severity: E**
C300096	**SUBSCRIPT REFERENCE OUTSIDE USER AREA** CA-CULPRIT encountered an invalid subscript value at compile time. The entry is invalid because the subscripted field referenced an area in storage that is outside the defined limits for this type of data. **Severity: E**
C300097	**GROUP NOT DEFINED** A group ID was specified on an implied subscript parameter, but the group ID either is not defined on a REC parameter or is not system generated for database input. **Severity: E**
C300098	**GROUP ALREADY HAS SUBSCRIPT** The user identified a group on an implied subscript parameter with a subscript, but the group that was identified was previously assigned a subscript index. Only one implied subscript parameter can be defined for each group. **Severity: E**
C300099	**NON-NUMERIC DUPLICATION FACTOR** The number of occurrences specified on a work field definition parameter is not numeric. **Severity: E**

Message ID	Message
C300100	**SUBSCRIPT MAY NOT BE SUBSCRIPTED** CA-CULPRIT detected an invalid subscripted field; this error can occur for one of the following reasons: ■ The user defined the subscript field as an implied subscript parameter. ■ The user defined the base field to be subscripted as a reference field on an implied subscript parameter. ■ The user defined the subscript as an element of a group that has an implied subscript. ■ The user defined the base that has an implied subscript as an element of a group that has an implied subscript. **Severity: E**
C300101	**DEPENDING ON FIELD NON-NUMERIC FOR GROUP group-id** The field name that was specified on a GROUP REC parameter as the occurrence count for a multiply-occurring input field is invalid; the field was defined as alphanumeric. **Severity: F**
C300102	**NON MULTIPLY-OCCURRING INPUT FIELD** An input field that is not multiply-occurring was referenced on a type 15 implied subscript parameter. **Severity: E**
C300103	**CALCULATED LRECL EXCEEDS FILE SPECIFICATION** CA-CULPRIT detected an error in the record length in the JCL. The record length for SYS006 (that is, the extracted-items file) is not large enough to hold a record extracted to that file or to SYS008 (that is, the no-sort extracted-items file) for the current report. To correct this error, calculate LRECL as the sum of the following, rounded to a multiple of 4 with a minimum of 256 bytes: ■ The combined length of all of the SORT values. For information on the number of bytes for each sort key, refer to the *CA-Culprit Reference Guide*. ■ The maximum number of bytes in one detail line. Note that the calculated record length does not have to be precise, but LRECL must be larger than the longest record. **Severity: E**

Message ID	Message
C300104	**REC LENGTH OF EXTRACT FILE LESS THAN MINIMUM** The user specified a record length in the extract phase (that is, CULL step) for the extracted-items file (that is, SYS006) that is less than the system minimum of 256 bytes. To correct this error, modify the JCL and resubmit the job. **Severity: F**
C300105	**PARAMETER TABLE OVERFLOW -** table-name An overflow has occurred in a system-maintained table (table-name). The run will abend with a return code of 100. Contact Computer Associates. **Severity: F**
C300106	**EXTRACT WILL BE PERFORMED** This message will follow the program compoile if there are not any fatal errors.
C300107	**GENERATED CODE EXCEEDS 32K** The code CA-CULPRIT generates for type 7 and type 8 logic exceeds CA-CULPRIT's internal limits. If the code contains two or more reports, split the code and submit two separate jobs. **Severity: F**
C300108	**TITLE IS TRUNCATED** The user coded a report title on a type 3 title parameter that exceeds the system limit of 50 characters; CA-CULPRIT truncates the trailing characters. **Severity: W**
C300109	**INVALID SIZE OR DP SPECIFICATION FOR SUBSCRIPT** The user coded an invalid size or DP= specification; this error can occur for one of the following reasons: ■ CA-CULPRIT detected a user-defined or internally generated type 15 parameter that specifies a subscript field, but the field definition for the subscript includes a DP= specification. ■ CA-CULPRIT detected a user-defined or internally generated type 15 parameter that specifies a subscript field, but the field definition implies a value that contains more than 15 digits. **Severity: E**

Message ID	Message
C300110	**SELECT SPECIFIES WRONG FILE** The user coded a SELECT/BYPASS parameter that referenced a REC parameter, but the REC parameter could not be found on that file. This error can occur if a SELECT parameter is misplaced or if an entry is misspelled on the REC parameter. **Severity: F**
C300111	**DEPENDING ON FIELD DECIMAL OR TOO LONG** The user specified an OCCURS DEPENDING ON field on a GROUP REC parameter and the REC parameter that defines the field contains a DP= specification or its size and data type specify a field with more than 15 digits. **Severity: F**
C300112	**MINIMUM POSSIBLE RESULT EXCEEDS LIMIT** Because of the number of decimal places that was specified in the operands and the quotient of a divide operation on a type 7 or type 8 parameter, the quotient will always contain more than 31 digits. To circumvent this problem: ■ Move the values to work fields that have fewer decimal places, before specifying a DIVIDE operation ■ Specify fewer decimal places for the operands and the quotient **Severity: E**
C300113	**RESULT WILL BE ZERO** Because of the number of decimal places that are assigned to the operands and the product of a multiplication operation, the product will always be 0 (zero) when rounded or truncated to the requested number of decimal places. **Severity: W**
C300114	**ILLEGAL DECIMAL POINT SPECIFICATION** CA-CULPRIT encountered an error in an explicit decimal place specification on an edit parameter. This error can occur if the explicit decimal place specification exceeds the implied or explicit output field size or if the explicit decimal place specification exceeds the maximum value permitted for the specified format code. **Severity: E**

Message ID	Message
C300115	**INPUT DECIMAL SPECIFICATION IGNORED** On an edit parameter, the user specified a format code that implies that decimal places will not appear in output, but the number of decimal places specified on a REC or work field parameter is a value other than 0 (zero). CA-CULPRIT treats the field as an integer value on output; no decimal alignment is performed. **Severity: W**
C300116	**EDIT LITERALS EXCEED LIMIT** CA-CULPRIT ran out of space to store literals on type 5 and type 6 parameters for a given report; the amount of storage that is required exceeds the system limit of 4K. To circumvent this problem, assign some of the literal values to alphanumeric work fields and specify the work fields on type 5 or type 6 parameters. **Severity: E**
C300118	**FIELD SIZE EXCEEDS LIMIT FOR B HEAD** CA-CULPRIT detected a field on a type 4 edit parameter that was not defined as a sort key. The system expected the defined field to be delivered through the B HEAD instruction on a process definition parameter, but the specified field size exceeds the system limit of 100 bytes for such fields. **Severity: E**
C300119	**PROFILE OPTION IN EFFECT: RELEASE =** release-number This message indicates the release mode that is in effect. The value in release-number is either 5 or 6. If RELEASE= was not coded on the PROFILE parameter, CA-CULPRIT uses the value that was set at installation time. **Severity: I**
C300120	**FIELD SIZE EXCEEDS LIMIT FOR CONVERT** An error occurred on a type 7 or type 8 process definition parameter for a convert operation. The field size exceeds the system limit of 33 characters for the alphanumeric source. **Severity: E**

Message ID	Message
C300121	**UNDEFINED GROUP ID -** group-id The user coded the indicated group ID on an ELMNT REC parameter, but no GROUP REC parameter with that group ID was found. To correct this error, code a GROUP REC parameter with the indicated group ID to define a multiply-occurring block of data and resubmit the job. **Severity: F**
C300122	**CULP HAS CORRECTED YOUR COLUMN SPECIFICATION** For CA-CULPRIT jobs that specify TYPE=CREATE, ADD, or REPLACE on the OUTPUT parameter, CA-CULPRIT overrides the user's absolute column positions if the positions are incorrect. CA-CULPRIT forces the columns to be contiguous. **Severity: W** **Modules: CULLIDB**
C300123	**SZ= HAS BEEN REDUCED TO COLUMN LENGTH ON TABLE** For CA-CULPRIT jobs that specify TYPE=ADD or REPLACE on the OUTPUT parameter, CA-CULPRIT automatically truncates or pads the text fields that specify SZ= so that the field length matches the column definition. **Severity: W** **Modules: CULLIDB**
C300124	**TABLE SUCCESSFULLLY GENERATED** For a CA-CULPRIT run that accesses tables and specifies CREATE or GENERATE on the OUTPUT parameter, CA-CULPRIT prints a message that indicates the table has been successfully generated. **Severity: I** **Modules: CULLIDB**
C300125	**SQL COLUMN NAME TRUNCATED TO 18 CHARACTERS** For CA-CULPRIT jobs that specify SQLTYPE=CREATE, column names taken from the edit parameters will be truncated to 18 characters. **Severity: W** **Modules: CULLSQL**

Message ID	Message
C300126	**FORMAT CODE NOT SUPPORTED FOR SQL** The format code specified for this column is not supported for SQL. **Severity: E** **Modules: CULLSQL**
C300127	**NULL INDICATOR MUST BE FB (BINARY) FORMAT** When specifying a null indicator corresponding to an SQL column, the format must be FB. **Severity: E** **Modules: CULLSQL**
C300128	**NULL INDICATOR MUST BE SZ=4** When specifying a null indicator corresponding to an SQL column, the size must be 4. This should be coded as SZ=4. **Severity: E** **Modules: CULLSQL**

3.6 Range 350 messages

Message ID	Message
C350002	**ISAM READ - BLOCK COULD NOT BE REACHED** **OS/390 users only** — The user requested ISAM file access, but the operating system encountered an unrecoverable error either while searching for the indexes or while following an overflow chain. To evaluate this error, examine the file. **Severity: F** **Modules: CULLISAM**
C350003	**ISAM READ - CA-CULPRIT SYSTEM ERROR** **OS/390 users only** — The user submitted an ISAM file, but a faulty calling sequence exists between CA-CULPRIT and the input module. Obtain a dump and contact Computer Associates Technical Support. **Severity: F** **Modules: CULLISAM**
C350004	**SORT CONTROL MODEL STATEMENTS INVALID** **(CONT) EXECUTION UNLIKELY. FILES CLOSED.** The module CULLSRTC either was modified incorrectly or could not be located by CA-CULPRIT. Consult the software support staff at your installation. **Severity: F** **Modules: CULLEXT**
C350006	**UNSPECIFIED SORT CONTROL PARAMETER *field-description*** **(CONT) PROCESSING CONTINUES.** The parameter field *&&n* that was identified by *field-description* is missing in the CULLSRTC module. Unless a nonstandard sort package is used, this error will cause the subsequent sort to fail. If the sort fails, consult the software support staff at your installation. **Severity: W** **Modules: CULLEXT**

Message ID	Message
C350008	**DUPLICATED SORT CONTROL PARAMETER *field-description*** The specified parameter field is invalid in the CULLSRTC module. This error will cause the subsequent sort to fail unless a nonstandard sort package is used. If the sort fails, contact the software support staff at your installation. **Severity: W** **Modules: CULLEXT**
C350009	**EXTRACT RECORD LENGTH EXCEEDS BLOCKSIZE FOR** *ddname/file-name* **VSE/ESA users only** — The record length of the extract phase (that is, CULL step) extracted-items file exceeds the block size that was defined for that file in the system profile CSECT (that is, CULXPROF). To correct this error, reassemble CULXPROF to increase the limit, or reduce the number of fields on the edit lines. For more information on reassembling CULXPROF, refer to CA-IDMS installation manual for your operating system. **Severity: F** **Modules: CULLEXT**
C350010	**LOGIC ERROR. DCBLRECL EXCEEDED BY CULL** **(CONT) CONTACT COMPUTER ASSOCIATES SUPPORT** **OS/390 users only** — The record length of the extracted-items and statistics file exceeds the LRECL value specified in the SYS006 or SYS008 DD statement. CA-CULPRIT abends with a return code of 101. To correct this error, modify the JCL as follows: ■ If a sort is performed on the extracted data, round up the LRECL round up to the nearest multiple of 4 the LRECL LRECL that is associated with SYS006. ■ If no sort is performed on the extracted data, round up to the nearest multiple of 4 both the LRECL that is associated with SYS006 and the LRECL that is associated with SYS008. **Severity: F** **Modules: CULLEXT**

Message ID	Message
C350012	**NOSORT DATASET IS A NULLFILE** **OS/390 users only** — The unsorted extracted-items file (that is, SYS008) was defined as a dummy file in the JCL, but one or more reports either specified the NOSORT option on the SORT patameter or did not include a SORT parameter. If any report in a CA-CULPRIT run does not sort the extracted items, assign a temporary data set to SYS008. **Severity: F** **Modules: CULLEXT**
C350013	**DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR** *file-name* **(CONT) DCBLRECL =** dcblrecl **(CONT) SPECIFIED RECORD SIZE =** record-size **(CONT) SHORTER LENGTH USED** **OS/390 users only** — A record was input that is either longer or shorter than the record size specified on the INPUT parameter. If the record is longer, the record is truncated; otherwise, the record is moved into the buffer and the contents of the remainder of the buffer remain unchanged. **Severity: W** **Modules: CULLSEQ**
C350017	**VSAM SYNAD** *synad-error-text* **(CONT) FILE CLOSED DUE TO I/O ERROR** A physical I/O error occurred on the VSAM input file. The system provides the portion of the SYNAD error message that can be printed and closes the file. For more information on handling I/O errors, consult the appropriate VSAM documentation for your installation. **Severity: F** **Modules: CULLVSIN**
C350018	**LOGIC ERROR ON VSAM READ** **(CONT) FILE CLOSED DUE TO I/O ERROR** A GET instruction for a VSAM input file resulted in an I/O error. Due to the error, the VSAM input file is closed. **Severity: F** **Modules: CULLVSIN**

Message ID	Message
C350020	**UNABLE TO OPEN INPUT FILE.**GENCB OR MODCB FAILURE A nonzero return code was returned by VSAM for a GENCB macro or MODCB macro requesting an EXLIST, ACB, or RPL block. For VSE/ESA users, the probable cause of this error is insufficient virtual storage to process the request. Resubmit the job with a smaller SIZE parameter on the EXEC card for the extract phase (that is, CULL step). **Severity: F** **Modules: CULLVSIN**
C350021	**I/O ERROR ON OPEN** CA-CULPRIT returned a nonzero return code from a request to open a VSAM input file. **Severity: F** **Modules: CULLVSIN**
C350022	**UNABLE TO CLOSE VSAM INPUT FILE** A nonzero return code was returned to Register 15 by VSAM close-file processing. Check the JCL for errors and resubmit the job. **Severity: F** **Modules: CULLVSIN**
C350023	**INVALID NUMERIC DATA ENCOUNTERED IN REPORT *report-number*** A data exception occurred in an arithmetic or edit operation for the indicated report. CA-CULPRIT treats the invalid field as though its value were 0 (zero) and continues to process the report. This message can occur because: ■ The field does not contain the type of data that was specified on the REC parameter ■ The result of a multiplication operation contains more than 30 digits For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**

Message ID	Message
C350024	**OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT** *report-number* The system encountered an overflow condition during an add, subtract, or multiplication operation for the indicated record. The result of the operation (after a possible shift for decimal alignment) contains too many digits to fit in the result field. CA-CULPRIT ignores the overflow (that is, high-order digits are lost) and processing continues. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**
C350025	**DECIMAL DIVIDE EXCEPTION IN REPORT** *report-number* A divide exception occurred in a division operation in a type 7 or type 8 procedure statement. The quotient is set to 0 (zero). This error can occur in a type 7 or type 8 procedure statement, as follows: ■ Type 7 procedure statement — If the error occurred in a type 7 statement, the error message appears as part of an extended error-handling message. ■ Type 8 procedure statment — If the error occurred in a type 8 statement, the error message appears on the body of the report at the place where the error occurred. A divide exception can occur during a division operation if any of the following conditions apply: ■ The divisor is 0 (zero). ■ The divisor contains more than 15 significant digits. ■ The dividend contains more than 30 digits; this can occur after decimal place adjustment. ■ The quotient contains more than 15 significant integer digits, but the result is an 8-byte work field. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**

Message ID	Message
C350026	**INVALID SUBSCRIPT VALUE USED IN REPORT** *report-number* An invalid subscript value was encountered in the indicated report; the value is either 0 (zero) or negative, or it caused CA-CULPRIT to search beyond the area known to contain all occurrences of the fields being referenced. Processing cannot continue. For more information on this message, see Chapter 4, "Extended Error Handling Facility" on page 4-1. **Severity: *** **Modules: CULLERR**
C350027	**INVALID USE OF PERFORM IN REPORT** The system encountered nested PERFORM statements in the type 7 input procedure code for the indicated report. The report terminates. For more information on this message, see Chapter 4, "Extended Error Handling Facility" on page 4-1. **Severity: *** **Modules: CULLERR**
C350028	**INVALID USE OF RETURN IN REPORT *report-number*** A RETURN statement was encountered in type 7 input procedure code at execution time, but the chapter of code that contains the RETURN statement was not reached with a PERFORM statement. Processing cannot continue. For more information on this message, see Chapter 4, "Extended Error Handling Facility" on page 4-1. **Severity: *** **Modules: CULLERR**
C350029	**INVALID USE OF DB-EXIT IN REPORT *report-number*** The user invoked a DB-EXIT call, but the input module does not support the DB-EXIT facility. For more information on this message, see Chapter 4, "Extended Error Handling Facility" on page 4-1. **Severity: *** **Modules: CULLERR**

Message ID	Message
C350032	**DATA ERRORS IN USER PROCEDURE MODULE HAVE EXCEEDED *error-limit*** The number of data errors that were encountered exceeds the default or user-supplied limit for nonnumeric data errors in user procedure modules. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**
C350033	**NUMBER OF EXTRACT DATA ERRORS HAS EXCEEDED *error-limit*** The default or user-specified error limit for numeric data errors in type 7 input procedure code, in the processing of sort fields (and/or fields on type 4 or type 5 edit parameters), was exceeded. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**
C350034	**REPORT HAS BEEN TERMINATED** Because of the errors reported by previous error messages, processing for the report cannot continue. **Severity: *** **Modules: CULLERR**
C350035	**DATA ERRORS IN INPUT MODULE HAVE EXCEEDED *error-limit*** The number of data errors that were encountered exceeds the default or user-supplied limit for nonnumeric data errors in input modules. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**
C350036	**RUN TERMINATED** Because of errors reported by the previous error messages, processing for the run cannot continue. **Severity: *** **Modules: CULLERR**

Message ID	Message
C350037	**MESSAGES SUPPRESSED UNTIL END OF FILE** **(CONT) MOST RECENT SUBSCRIPT VALUE** nn **(CONT) INPUT BUFFER NUMBER** nn CA-CULPRIT exceeded a default or user-supplied error limit and does not report more errors of that type until the end of input-file processing. CA-CULPRIT also prints the value of the last subscript referenced before the interrupt, the input buffer count at the time of the interrupt, and a message that identifies the area of processing in which the interrupt occurred. **Severity: *** **Modules: CULLERR**
C350041	**PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT/USER PROCEDURE MO** **(CONT) MODULE IN REPORT report-number** This message confirms that a program check occurred in the indicated module. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLERR**
C350043	**UNIDENTIFIABLE PROGRAM CHECK HAS OCCURRED** **(CONT) ABEND CODE** CA-CULPRIT invoked the extended error-handling routine to process a decimal overflow, decimal divide, or data error, but the routine cannot identify the type of code being processed (that is, CA-CULPRIT main code, a user input module, a user procedure module, or a DB-EXIT call). The run terminates. This is an internal system error. For assistance, call Computer Associates Technical Support. **Severity: *** **Modules: CULLERR**
C350045	**INTERNAL ERROR - RECOVERY CANNOT CONTINUE** CA-CULPRIT invoked the extended error-handling routine but was unable to follow the normal recovery procedure. This is an internal system error. For assistance, call Computer Associates Technical Support. **Severity: *** **Modules: CULLERR**

Message ID	Message
C350046	**PROGRAM CHECK INTERRUPT** **(CONT) PSW AND REGS 0 - 15 ARE FORMATTED BELOW** **(CONT) RECORD BUFFER DUMP** **(CONT) WORKFIELDS AT TIME OF INTERRUPT work-field-name** **(CONT) RESULT CLEARED DUE TO INDETERMINATE CONDITION** A program check occurred in the output phase (that is, CULE step). Associated messages identify the problem and the action to be taken by the runtime Extended Error-handling Facility: ■ CA-CULPRIT prints a formatted listing of the PSW and the registers at the time a SPIE/STIXIT occurred. The listing is followed by a core dump. ■ CA-CULPRIT prints the contents of the record buffer at the time of the interrupt. ■ CA-CULPRIT prints work fields of the specified type. ■ CA-CULPRIT sets the result field to 0 (zero) as the type of instruction causing the interrupt could not be determined or simulated. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: F** **Modules: CULLERR**
C350051	**INVALID NUMERIC DATA IN MATCH KEY FIELD** The system detected a data exception while processing a numeric match-key field. The value of the invalid field is treated as though it were the largest possible negative number for match-file processing; processing continues. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLMTCH**
C350052	**NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED** *error-limit* The default or user-specified limit for numeric data errors in match-key fields was exceeded. Further errors of this type will not be reported; appropriate error recovery action will be taken. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLMTCH**

Message ID	Message
C350053	**RUN TERMINATED AT USER REQUEST** This message confirms that a default or user-supplied error limit was exceeded and that the action keyword specified on the PROFILE parameter for this type of error is either ABEND or CANCEL. End-of-run statistics follow the message. **Severity: *** **Modules: CULLMTCH** **CULLERR**
C350055	**NUMBER OF RECORDS RETURNED FOR —** *ddname/filename* This end-of-file statistic from the match-file facility indicates the number of records that were returned (that is, those passing the selection criteria, if any) for the named input file. **Severity: *** **Modules: CULLMTCH**
C350056	**NUMBER OF INVALID MATCH KEYS —** *match-key-count* This end-of-match statistic from the match-file facility prints only if the number is not 0 (zero). **Severity: *** **Modules: CULLMTCH**
C350057	**NUMBER OF RECORDS OUT OF SEQUENCE**— *record-count* This end-of-file statistics from the match-file facility prints only if the number is not 0 (zero). **Severity: *** **Modules: CULLMTCH**
C350058	**AN OUT OF SEQUENCE CONDITION HAS ARISEN** **(CONT) INPUT FILE IS** input-file-number **(CONT) RECORD NUMBER IS** record-count **(CONT) KEY POSITION IS** match-key-position **(CONT) KEY DATA TYPE IS** match-key-data-type **(CONT) STARTING BIT AND NUMBER OF BITS –** bit-values **(CONT) KEY LENGTH IS** match-key-length **(CONT) RECORD IS NOT IN BUFFER** **(CONT) START POSITION WITHIN BUFFER** buffer-position A sequence error has been detected in a match-key field. CA-CULPRIT prints additional messages that indicate which match-key field is in error and in which record number it occurred. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLMTCH**

Message ID	Message
C350059	**NUMBER OF SEQUENCE ERRORS HAS EXCEEDED** *me-error-limit* **(CONT) INPUT FILE IS** input-file-number **(CONT) RECORD NUMBER IS** record-count **(CONT) KEY POSITION IS** match-key-position **(CONT) KEY DATA TYPE IS** match-key-data-type **(CONT) STARTING BIT AND NUMBER OF BITS –** bit-value **(CONT) KEY LENGTH IS** match-key-length **(CONT) RECORD IS NOT IN BUFFER** **(CONT) START POSITION WITHIN BUFFER** buffer-position CA-CULPRIT detected more than 25 errors (that is, the system limit) in a match-file sequence. For each error that occurs, CA-CULPRIT prints additional information that indicates the match key and record number for which the error occurred. Further errors of this type will not be reported; appropriate error-recovery action will be taken. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLMTCH**
C350068	**ERROR ON OPEN** An open error occurred while CA-CULPRIT was trying to read an input file. Check your specifications on the INPUT parameter and JCL statement that define the file. **Severity: *** **Modules: CULLMTCH** **CULLJRNL**
C350069	**I/O ERROR ON READ** An I/O error occurred while CA-CULPRIT was trying to read an input file. Check your specifications on the INPUT parameter and the JCL statement that define the file. **Severity: *** **Modules: CULLMTCH** **CULLJRNL**
C350070	**RECORD SIZE IS GREATER THAN** *record-size* A variable-length record that is longer than the maximum record specified on the INPUT parameter was encountered on the input file. The run terminates with an abend code of 33. For more information on this message, see Chapter 5, “Abend Codes” on page 5-1. **Severity: *** **Modules: CULLMTCH**

Message ID	Message
C350071	**MATCH ERROR ON FILE** *ddname/filename* An open or I/O error occurred on the named input file in a match-file run. CA-CULPRIT prints additional messages following this one that describe the error further. **Severity: *** **Modules: CULLMTCH**
C350072	**INTERRUPT DURING EXECUTION OF INPUT MODULE FOR** *ddname/filename* A program check interrupt occurred during processing by an input module for the indicated file in a match-file run. **Severity: *** **Modules: CULLMTCH**
C350073	**INEXPLICABLE ERROR DURING CULLMTCH** This is an internal system error that occurred during the match process in the extract phase. Call Computer Associates Technical Support. **Severity: *** **Modules: CULLMTCH**
C350074	**INPUT FILES ARE BEING SINGLE BUFFERED** **VSE/ESA users only** — One or more input files cannot be double buffered, due to limited storage. If a single buffer fits, the run will continue but performance may be downgraded. Available memory can be increased by relinking CULL and increasing the size specified after PHASE CULLWORK. **Severity: *** **Modules: CULLMTCH**
C350075	**EXTRACT TERMINATED AT USERS REQUEST** A default or user-supplied error limit was exceeded, and the action keyword that was specified on the PROFILE parameter for this type of error is STOP. End-of-file statistics follow this message. Output reports will be produced on any data that was extracted up to this point. **Severity: *** **Modules: CULLMTCH** **CULLERR**

Message ID	Message
C350078	**UNKNOWN ERROR IN SELECT MODULE - RUN TERMINATED** CA-CULPRIT invoked the Extended Error Handling Facility routine to handle an error that occurred during selection logic. CA-CULPRIT eliminated an invalid subscript or invalid numeric data as the possible causes of the problem. This is an internal system error. Contact Computer Associates Technical Support. **Severity: *** **Modules: CULLSEL**
C350079	**INVALID NUMERIC DATA IN SELECTION PROCESS** **(CONT) SELECTION CONDITION REFERENCE NUMBER reference-number** **(CONT) INPUT RECORD NUMBER** CA-CULPRIT encountered a data exception while processing a SELECT/BYPASS parameter. The tested value is set to low values for the currert test (that is, the largest possible negative number, or hexadecimal 0s (zeros) for alphanumeric multiply-occurring fields referenced in a subscript that contains invalid numeric data), and processing continues. CA-CULPRIT also prints an additional message that indicates the number of the input record that was being processed when the data exception occurred. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLSEL**

Message ID	Message
C350082	**INVALID SUBSCRIPT VALUE IN SELECTION PROCESS** **(CONT) SUBSCRIPT IS INVALID FOR FIELD ONE** **(CONT) SUBSCRIPT IS INVALID FOR FIELD TWO** **(CONT) FIELD ONE AT TIME OF INTERRUPT **INVALID**** **(CONT) RECORD AT TIME OF INTERRUPT** **(CONT) FIELD TWO AT TIME OF INTERRUPT** An invalid subscript value was coded on a SELECT/BYPASS parameter; the value is either negative or nonnumeric. Processing of the current report cannot continue. CA-CULPRIT prints additional information that indicates which field in the WHERE clause is invalid. CA-CULPRIT also prints the contents of the invalid field and the record in the CA-CULPRIT input buffer in hexadecimal format. For more information on this message, see Chapter 4, “Extended Error Handling Facility” on page 4-1. **Severity: *** **Modules: CULLSEL**
C350089	**MORE THAN 999,999,999 INPUT RECORDS READ** CA-CULPRIT read more than 999,999,999 input records. CA-CULPRIT continues to process, but prints invalid end-of-file (EOF) statistics. **Severity: W** **Modules: CULL**
C350090	**RECORD SIZE GREATER THAN SPECIFIED MAXIMUM** While reading an IDMS journal file, CA-CULPRIT encountered a record that is larger than the maximum record size that was defined on the INPUT parameter. To correct this error, use the value of the journal block size for the record type. **Severity: W** **Modules: CULLJRNL**

3.7 Range 400 messages

Message ID	Message
C400001	**ILLEGAL FORMAT FOLLOWING FILE** The file appears on a HIR card with an invalid qualifier. A qualifier must consist of a parenthetical expression following the file name. The first file (entry file) on a HIR card may not have any qualifying entries, except for a 1-digit control field sequence number. A variable file may have one of the following: ■ An optional path ID (2 characters in length) ■ A designated linkage path (8 characters in length) ■ Both, in either order, separated by a comma **Severity: E** **Modules: CULLTCLR**
C400003	**READ ERROR** **(CONT) STATUS ssss** **(CONT) CONTROL cccccccc** This messages results from a TOTAL™/CA-CULPRIT dictionary read error. It is followed by status and control information about the TOTAL database. To correct this error, see your DBA. **Severity: E** **Modules: CULLTCLR**
C400006	**ILLEGAL OR NO S*ID SPECIFIED** The HIR parameter must be followed by a space, a 2-character path ID, and another space. Correct the entry after the HIR parameter and try the report again. **Severity: E** **Modules: CULLTCLR**
C400007	**FILE NOT FOUND IN HIR ENTRIES** A field was referenced that does not belong to any file specified on any HIR parameter. **Severity: E** **Modules: CULLTCLR**
C400008	***ffff* FILE NOT FOUND IN DICTIONARY** *ssss* File *ffff* was specified on a HIR card but could not be found in the TOTAL/CA-CULPRIT dictionary. *Ssss* is the TOTAL status code for the read operation. **Severity: E** **Modules: CULLTCLR**

Message ID	Message
C400009	**NON TOTAL FILE *ffff* ILLEGAL IN PATH** Non-TOTAL file *ffff* was specified illegally on a HIR parameter. Check the TOTAL/CA-CULPRIT dictionary to obtain the correct spelling of the file name. **Severity: E** **Modules: CULLTCLR**
C400010	**NO LINKAGE DEFINED FROM *ffff* TO *gggg*** The description of file *ffff* in the TOTAL/CA-CULPRIT dictionary contains no information about linkage to *gggg*. Check the TOTAL/CA-CULPRIT dictionary under the KEYS/LINKS column to correct this error. **Severity: E** **Modules: CULLTCLR**
C400011	**DICTIONARY READ ERROR ON KEY NAME *ssss*** A control-field name was specified on a KEY parameter, but information about the field cannot be read from the TOTAL/CA-CULPRIT dictionary. *Ssss* is the TOTAL status code. **Severity: E** **Modules: CULLTCLR**
C400012	**CANNOT OPEN (CLOSE) SUPPORT FILE *ffff-ssss*** TOTAL/CA-CULPRIT cannot open (or close) file *ffff*. The status code is *ssss*. Call your database administrator. **Severity: E** **Modules: CULLTCLR**
C400013	**KEY VALUES SUPPLIED OVERFLOW KEY TABLE** More key values have been specified via KEY parameters than can be accommodated by TOTAL/CA-CULPRIT's internal tables. Put the key values in a sequential key file to correct this error. **Severity: E**
C400014	**NON NUMERIC ENTRY FOR *ffffffff*** *Ffffffff* identifies a KEY file field that must have a numeric value, but does not. The value must include leading zeros. **Severity: E** **Modules: CULLTCLR**

Message ID	Message
C400015	**TABLE OVERFLOW** *ttttttt* *Ttttttt* is the name of a CULLTCLR table that is completely filled. Tasks to consider before recompiling the code to increase the table size follow: ■ If the ITEMDEF table overflows, define more fields to the TOTAL/CA-CULPRIT dictionary to decrease the number of user-supplied REC parameters. ■ If possible, use the same work-field names for both extract and total processing. ■ If the ITEMUDEF table overflows, use override REC parameters at run time to decrease the number of field definitions CA-CULPRIT must look up. **Severity: E** **Modules: CULLTCLR**
C400016	**KEY NAME NOT KEY OF BASE FILE** The control field name specified on the KEY parameter either does belong to the entry file on the HIR card or is not defined as a control field for that file in the TOTAL/CA-CULPRIT dictionary. **Severity: E** **Modules: CULLTCLR**
C400017	**NO FILES SPECIFIED** No file names were given after the string identifier on the HIR card. Specify a file name after the string identifier. **Severity: E** **Modules: CULLTCLR**
C400018	**BASE FILE INCONSISTENT WITH PRIOR** An entry file on a HIR card is not the same as the others. All entry files on HIR cards must be the same. **Severity: E** **Modules: CULLTCLR**
C400019	**ERROR ON SIGNON** An error occurred during at attempt to open or sign on to the TOTAL database. **Severity: E** **Modules: CULLTCLR**

3.8 Range 450 messages

Message ID	Message
C450001	**OPEN*x* ERROR ON** **(CONT) FILE -** ffff **(CONT) STATUS -** ssss An open error was encountered. The message produces the following information: ■ *X* — M for master or V for variable ■ *Ffff* — File name ■ *Ssss* — TOTAL status code; a status code of FNTF means the file is not included in the DBGEN loaded for the run. **Severity: F**
C450004	**REP. ALL MASTER RECORD NOT FOUND KEY =** kkk No record in the entry file could be found via a key search with key value kkk. **Severity: W**
C450005	**FATAL ERRORS - EXTRACT NOT PERFORMED** The TOTAL/CA-CULPRIT job terminated due to fatal errors. **Severity: F**
C450006	**READ ERROR ON MASTER FILE** A read error occurred on the master file. This may represent a logical database error. Call your DBA. **Severity: E**
C450007	**READ ERROR ON VARIABLE FILE** **(CONT) HIR -** yy A read error occurred on the variable file. *Yy* is the path ID. Call your DBA. **Severity: E**
C450009	**KEYFILE READ ERROR - RUN TERMINATED** A read error occurred for the sequential keyfile. **Severity: F**
C450010	**OPEN ERROR ON MASTER FILE** An open error occurred on a master file. **Severity: F**

Message ID	Message
C450011	**OPEN ERROR ON VARIABLE FILE** An open error occurred on a variable file. **Severity: F**
C450012	**FILE IS NOT A MASTER OR VARIABLE FILE** The file is not defined as either a master or variable file. TOTAL must have either master or variable files. **Severity: F**

3.9 Range 500 messages

Message ID	Message
C500001	**INVALID DICTIONARY RECORD** A parameter other than a FIL, PRD, LRD, or COMMENT was read on the dictionary. The parameter is ignored and processing continues with the next parameter in sequence on the dictionary. **Severity: W**
C500002	**RDAM FILE COUNT EXCEEDS MAXIMUM** More than 20 files were specified on HIR parameters for one run. Decrease the number of files specified on HIR parameters to a maximum of 20 and resubmit the job. **Severity: E**
C500003	**RDAM DATA LIST EXCEEDS BUFFER SIZE** The DATA portion of the file exceeds the buffer size. The default value for buffer size is 13,000 bytes. An override value can be specified in the range 1000 through 32,767 bytes. Increase the size of the buffer by specifying a larger size on the record-size-n entry of the INPUT parameter, or use HTH parameters to limit data retrieval to only thsoe physical fields required for the run. Resubmit the job. **Severity: E**
C500004	**RUN TIME LFD CONTAINS FILE-ID NOT IN HIR** The FILE-ID entry on a runtime LFD parameter does not match a FILE-ID entry on a HIR parameter. Each file entry on a runtime LFD parameter must match a file entry on the HIR parameter. Correct the LFD parameter and/or HIR parameter, and resubmit the job. **Severity: E**
C500005	**RUN TIME LFD CONTAINS PFD NO. UNKNOWN TO DICTIONARY** The FIELD ID entry on a runtime LFD parameter does not match a physical field ID in the dictionary. Runtime LFD entries must pertain to PRDs within files defined in the dictionary. Correct the runtime LFD entry and/or dictionary PFD, and resubmit the job. **Severity: E**

Message ID	Message
C500006	**HIR COUNT EXCEEDS MAXIMUM** More than 20 HIR parameters have been submitted in a single run. Decrease the number of HIR parameters to 20 or less, and resubmit the job. **Severity: E**
C500007	**LOGICAL STRING PROGRESSION ERROR** If the RDMS®/CA-CULPRIT interface is performing automatic processing, the first file entry on the HIR parameter must specify the DATA portion of a file. Subsequent entries are optional and are specified as follows: ■ The second file must be the same as the first and must specify the XREF portion of the file. ■ Similarly, the third and fourth entries must be the same file and must specify the DATA and XREF portions, respectively. ■ The fifth entry, if present, must specify the DATA portion of a file. ■ If a cross-reference entry points to another record in the same file, the first three entries on the HIR parameter are the same file ID and must specify the DATA, XREF, and DATA portions, respectively. ■ The remainder of the parameter, through column 80, must consist of blank spaces. Check the HIR parameter for incorrect order of file entries or for coding after the last entry. Correct and resubmit the job. **Severity: E**
C500008	**HIR ENTRY INCONSISTENT WITH PRIOR ENTRIES** The base (first) file on each HIR parameter in any one run must be the same. Correct and resubmit the job. **Severity: E**
C500009	**KEY PARAMETER COUNT EXCEEDS MAXIMUM** More than 50 KEY parameters were submitted in a single run. Decrease the number of KEY parameters to 50 or less, and resubmit the job. **Severity: E**

Message ID	Message
C500010	**NON-NUMERIC START POSITION ON LFD** The start position on a dictionary or runtime LFD parameter is nonnumeric. Leading zeros are required. Check the LFD parameters for blanks or other nonnumeric entries in the start position. Correct and resubmit the job. **Severity: E**
C500011	**NON-NUMERIC ENTRY ON DICTIONARY FIL PARAMETER** Either the FIELD COUNT entry or the TOTAL FIELD LENGTH entry on the dictionary FIL parameter contains nonnumeric data. Leading zeros are required. Check for blanks or other nonnumeric data in these entries. Correct and resubmit the job. **Severity: E**
C500012	**NON-NUMERIC LENGTH ON PFD OR KEY FILE** Either the FIELD LENGTH entry on a dictionary PFD parameter or the RECORD SIZE and/or BLOCK FACTOR entries on a KEY file parameter contain nonnumeric data. Check for blanks or other nonnumeric data in these entries. Correct and resubmit the job. **Severity: E**
C500013	**FILE NOT DEFINED ON DICTIONARY RDMS-file-id** The file RDMS-file-id specified on a HIR parameter could not be located in the dictionary. Correct the HIR parameter or define file RDMS-file-id to the dictionary and resubmit the job. **Severity: E**
C500014	**INVALID STRING ID ON HIR PARAMETER** Either the STRING ID entry is blank, or a DR or FR HIR parameter is not the only HIR parameter submitted in a run. If an HIR parameter is submitted for a direct read or a full read, no other HIR parameters are allowed in the same run. Check the STRING ID entry for errors. Correct and resubmit the job. **Severity: E**
C500015	**NO HIR PARAMETERS SUBMITTED** A minimum of one HIR parameter is required for each RDMS/CA-CULPRIT run. Resubmit the job with a HIR parameter. **Severity: E**

Message ID	Message
C500016	**HTH PARAMETER SYNTAX ERROR** On an HTH parameter, either the file is not specified as a DATA or XREF file or the FIELD IDS entry contains nonnumeric data. Field ids are 1 or 2 digits. Leading zeros are not required. Each field ID must be separated by a single comma. A space delimits the end of the FIELD ID entries. Check the entries for syntax errors. Correct and resubmit the job. **Severity: E**

3.10 Range 550 messages

Message ID	Message
C550001	**RDAM SIGNON ERROR** **(CONT) STATUS=**RDAM-error-code CA-CULPRIT was unable to initiate RDMS processing. The RDMS error code is reported and the job is terminated. The CA-CULPRIT buffer is dumped prior to job termination. Refer to the appropriate RDMS documentation for information on RDMS error codes. **Severity: E**
C550003	**UNABLE TO UNLOCK RDAM FILE** **(CONT) FILE=**RDMS-file-id RDAM could not unlock (open) one of the RDMS files. The file in question and the RDMS error code are reported and the job is terminated. The CA-CULPRIT buffer is dumped prior to job termination. Refer to the appopriate RDMS documentation for further information. **Severity: E**
C550005	**RDAM FILE READ ERROR** RDAM detected an error when reading an RDMS file. The file and RDMS error code are reported, and the job is terminated. The CA-CULPRIT buffer is dumped prior to job termination. Refer to the appropriate RDMS documentation for information on RDMS status codes. **Severity: E**
C550006	**RDAM RECORD NOT FOUND** **(CONT) KEY=**record-id Key parameters, specifying record IDs, were supplied to the RDMS/CA-CULPRIT run, and RDAM was unable to find one or more of the corresponding records on the RDMS file. The record ID is reported. Processing continues with the next record ID supplied. **Severity: E**

Message ID	Message
C550008	**FATAL ERROR(S), EXTRACT NOT PERFORMED** An error was reported when reading the dictionary file or when evaluating the HIR and/or KEY parameters. A specific error message is printed prior to this message. The job will be terminated. Correct the parameter entry and resubmit the job. **Severity: F**
C550009	**RDAM XREF RECORD NOT FOUND** **(CONT) RID=**RDMS-record-id **(CONT) CONTAINS XREFID POINTER FOR:** **(CONT) FILE=**RDMS-XREF-file-id-value **(CONT) RID=**RDMS-XREF-record-id-value A file specified on a HIR parameter contains an XREF pointer to a record on another RDMS file, but RDAM was unable to find the record on the specified file. That file and its record IDs and the XREF file and record IDs are reported. Processing continues with the next sequential record on the RDMS file. This condition indicates a structural error in the RDMS file. Consult the person in charge of RDMS file maintenance. **Severity: E**
C550012	**KEYFILE READ ERROR** A KEYFILE parameter specifying a file to control RDAM retrieval was entered in the input. A possible hardware or JCL error was detected when RDMS/CA-CULPRIT tried to access the key file. The CA-CULPRIT buffer is dumped and the job is terminated. **Severity: E**
C550013	**RDAM SIGNOFF ERROR** CA-CULPRIT was unable to terminate RDAM. All data extraction was successfully completed, and the run goes to a normal end-of-job. The RDMS error code is reported, and the CA-CULPRIT buffer is dumped. This error should be reported to the person in charge of RDMS maintenance. **Severity: W**

Message ID	Message
C550014	**UNABLE TO LOCK RDAM FILE** **(CONT) KEY=**record-id **(CONT) BASE FILE=**RDMS-file-id RDAM was unable to lock an RDMS file. All data extraction was successfully completed, and the run goes to normal end-of-job. The file ID and RDMS error code are reported, and the CA-CULPRIT buffer is dumped. The error should be reported to the person in charge of RDMS file maintenance. **Severity: W**

3.11 Range 700 messages

Message ID	Message
C700001	**NO SUPPORT FOR DEVICE ASSIGNED TO** *file-name* **VSE/ESA users only** — The indicated file either was assigned IGN (that is, ignore) or was assigned to a device type that CA-CULPRIT does not support. The probable cause of this error is an incorrect JCL specification. **Severity: F** **Modules: CULXLUB**
C700002	**UNABLE TO OPEN** *ddname/file-name* CA-CULPRIT could not open the indicated data set or file. This error can occur if the JCL assignment is incorrect or if an input file was not created because of the failure of an earlier job phase or step. **Severity: F** **Modules: CULXGETC** **CULXPUTM** **CULLISAM** **CULLREAD** **CULLEXT** **CULLSEQ** **CULEISAM**
C700003	**UNCORRECTABLE I/O ERROR ON** *file-type* **OS/390 users only** — An I/O error occurred while reading a sequential or ISAM input file. Review the JCL. If the error cannot be resolved, consult the software support staff at your installation. **Severity: F** **Modules: CULLISAM** **CULESEQ**
C700004	**RUN CANCELLED DUE TO INSUFFICIENT STORAGE** **(CONT) MODULE, TABLE, OR BUFFER name** **(CONT) ADDITIONAL BYTES NEEDED bytes** **VSE/ESA users only** — A module, table, or buffer required more storage than was available. CA-CULPRIT prints the name of the module, table, or buffer and the amount of additional storage required. To correct this error, relink CULL with a larger work size (as described in CA-IDMS installation manual for your operating system). or decrease the complexity or number of reports in the run. **Modules: CULL** **CULLEXT**

Message ID	Message
C700007	**CA-CULPRIT JOB CANCELLED AFTER *program-name*** **(CONT) USER ABEND OR RETURN CODE=code** **(CONT) SYSTEM ABEND CODE=code** **One-step CA-CULPRIT only** — The system or user completion code (return code) from the named program was not equal to 0 (zero), causing CA-CULPRIT to stop executing after the named program. To determine what happened, review the continuation message and listings for more information. **Severity: F** **Modules: CULPRIT (1-Step Controller)**
C700015	**IDB ACTION PARAMETER MISSING - REQUIRED** CA-CULPRIT encountered one or more of the following errors in the INPUT IDB or OUTPUT IDB parameter: ■ ADD, COPY, CREATE, DELETE, or REPLACE is missing, misspelled, or misplaced. ■ *Entry-name, owner-name, catalog-name, or location-name* is missing, misspelled, or misplaced. ■ Required parentheses or commas are missing or misplaced. Correct the CA-CULPRIT program and resubmit the job. **Severity: E** **Modules: CULPOUCH**
C700018	**IDB SIGNON ERROR** CA-CULPRIT encountered an IDB signon error. Make sure that: ■ The DC/UCF system is up ■ The user ID and password are valid ■ The user definition in IDD includes access to ASF and IDB ■ The name of the dictionary on the DATABASE card is correct ■ A SYSCTL statement exists in the JCL stream **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**

Message ID	Message
C700021	**IDB GET TABLE ERROR** CA-CULPRIT could not access the named table. Make sure that: ■ The table is named correctly ■ The owner of the table is specified ■ You have passkey authority to access the table **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700024	**IDB GET FIELD ERROR** The field name on the edit parameter must be spelled exactly like the column name defined for the table in ASF. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700027	**IDB ADD TABLE ERROR** CA-CULPRIT could not add the table to the database because either a table with that name already exists or there is not enough space to store the table. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700030	**IDB ADD FIELD ERROR** CA-CULPRIT returned a nonzero return code from RDEF. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700033	**IDB GENERATE ERROR** An IDB GENERATE error occurred possibly because the DC/UCF system went down or there is not enough space in the load area of the data dictionary to store the table load module. Check the DC/UCF log file for information. In particular, look for code 1211, which indicates insufficient space in the dictionary load area. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**

Message ID	Message
C700036	**IDB SIGNOFF ERROR** CA-CULPRIT encountered an error when signing off IDB. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700039	**IDB DELETE ERROR** CA-CULPRIT encountered an error during at attempt to delete a table. Possibly the table does not exist. Correct the name and resubmit the job. **Severity: W, E, F** **Modules: CULLIDB** **CULPIDB**
C700040	**ATTEMPT TO DELETE TABLE AFTER ERROR FAILED** An E- or F-level error occurred during a CREATE job. As part of error recovery, CA-CULPRIT attempts to delete the partially created table. This error indicates that CA-CULPRIT failed to delete the table. Delete the table before resubmitting the job to create the table. This error can occur if the DC/UCF system goes down while the table is being created. **Severity: F** **Modules: CULLIDB**
C700041	**TABLE SUCCESSFULLY DELETED** CA-CULPRIT successfully deleted a table's definition and contents from the ASF dictionary (catalog). **Severity: I** **Modules: CULLIDB**
C700042	**TABLE NOT GENERATED OPERATION NOT PERFORMED** **(CONT) RSUB RETURN CODE: rsub-code** **(CONT) TDB**MINOR CODE: **tdb-code** The table named on the INPUT or OUTPUT parameter has not been generated and therefore cannot be accessed. Sign on to ASF and check the STATUS field on the Table Definition screen. Tables that indicate REDEFINITION must be generated before those that are accessed by CA-CULPRIT. Generate the table and resubmit the job. **Severity: F** **Modules: CULLIDB** **CULPIDB**

Message ID	Message
C700045	**INCOMPATIBLE FIELD(S) DETECTED.** **(CONT) SEE VALIDATION REPORT ON INPUT PARAM LISTING** In a CA-CULPRIT run to consolidate tables, CA-CULPRIT detected secondary table field or fields with a definition different from the corresponding field in the primary table. The VALIDATE FIELDS report in the Input Parameter Listing identifies the field or fields in error. Correct the field definitions in the secondary tables, regenerate the secondary tables, and resubmit the job. **Severity: E** **Modules: CULPIDB**
C700047	**UNABLE TO VALIDATE FIELDS DUE TO ERRORS IN PRIMARY DATA TABLE** In a CA-CULPRIT run that consolidates tables, the table named on the first INPUT parameter (the primary table) contains errors. Therefore, CA-CULPRIT cannot validate the fields of the secondary tables against the fields in the primary table. Correct your primary table specification and resubmit the job. **Severity: E** **Modules: CULPIDB**
C700048	**CA-CULPRIT IS UNABLE TO GENERATE A PATH CARD.** CA-CULPRIT encountered a problem getting a table and therefore cannot generate a PATH parameter for the table. Continuation messages accompany this message. **Severity: W** **Modules: CULPIDB**
C700050	**INSUFFICIENT PASSKEY AUTHORIZATION** The user does not have authorization to perform the requested data table function. **Severity: F** **Modules: CULLIDB**
C700051	**TABLE SUCCESSFULLY GENERATED:** *table-name* CA-CULPRIT successfully created and generated the named table. **Severity: I** **Modules: CULLIDB**

Message ID	Message
C700052	**SQL ERROR ENCOUNTERED** CA-CULPRIT detected an error in SQL processing. Details are contained in messages C700055 through C700057. **Severity: E** **Modules: CULPSQL**
C700053	**WARNING ISSUED FROM PREPARE SQL SELECT** CA-IDMS/DB issued a warning when preparing the SQL SELECT statement. Details are contained in messages C700055 through C700057. **Severity: W** **Modules: CULPSQL**
C700054	**ERROR FROM PREPARE SQL SELECT** CA-IDMS/DB issued a warning when preparing the SQL SELECT statement. Details are contained in messages C700055 through C700057. **Severity: E** **Modules: CULPSQL**
C700055	**SQLCODE: *iiii* SQLCERC: *nnnn*** The value, *iiii*, represents the SQL error code (SQLCODE) returned from the SQLCA (SQL Communication Area). The value, *nnnn*, represents the SQL extended error code (SQLCERC) returned from the SQLCA. For more information about the above SQL error codes, refer to the *CA-IDMS SQL Reference Guide*. **Severity: W or E** **Modules: CULPSQL** **CULLSQLR** **CULESQL** **CULLSQL**

Message ID	Message
C700056	**SQLCESER: *iiii* SQLCNRP: *nnnn*** The value, *iiii*, represents the offset into the user-provided SQL statement in which a syntax error was recognized. The value, *nnnn*, represents the number of rows processed by the SQL statement. For more information about the above SQL error codes, refer to the *CA-IDMS SQL Reference Guide*. **Severity: W or E** **Modules: CULPSQL** **CULLSQLR** **CULESQL** **CULLSQL**
C700057	***Message text*** Contains the complete message text for SQLCERC that is found in the SQLCERM field of the SQLCA. **Severity: W or E** **Modules: CULPSQL** **CULLSQLR** **CULESQL** **CULLSQL**
C700058	**NO SQLCA. QRFCDSI RETURN CODE:** Fatal error trying to access SQL. Unable to obtain information from SQLCA. **Severity: F** **Modules: CULPSQL** **CULLSQL** **CULLSQLR**
C700059	**ONLINE= Y UNAVAILABLE IN LOCAL MODE** Create function was specified for an ASF table with ONLINE= YES. CA-CULPRIT has ignored ONLINE= Y. Run CA-CULPRIT under central version (CV). **Severity: W** **Modules: CULLIDB**
C700060	**ADSOOPTI MODULE NOT FOUND** Delete and create ASF tables require ADSOOPTI in one of your STEPLIB libraries. **Severity: E** **Modules: CULLIDB**

Message ID	Message
C700061	**UNABLE TO DELETE TABLE IN LOCAL MODE** Delete the table that contains maps and dialogs. (This must be be done in CV mode.) **Severity: E** **Modules: CULLIDB**
C700062	**WARNING ISSUED FROM SQL CREATE TABLE** CA-IDMS/DB detected a warning level error when trying to issue an SQL CREATE TABLE statement. Details are contained in messages C700055 through C700057. **Severity: W** **Modules: CULLSQL**
C700063	**ERROR ISSUED FROM SQL CREATE TABLE** CA-IDMS/DB detected an error when trying to issue an SQL CREATE TABLE statement. Details are contained in messages C700055 through C700057. **Severity: E** **Modules: CULLSQL**
C700064	**QRFCDSI RETURN CODE: *nnnn*** An error was detected by the SQL services routine, QRFCDSI. **Severity: E** **Modules: CULLSQLR**
C700065	**SQL POST FETCH EXIT WAS NOT EXECUTED** CA-CULPRIT detected an error while processing an SQL FETCH statement. Data extraction cannot continue. **Severity: E** **Modules: CULLSQLR**
C700066	**F UNABLE TO ESTABLISH CONNECTION IDMS** An error was detected while trying to establish the batch to IDMS processing environment. CA-CULPRIT processing cannot continue. **Severity: F** **Modules: CULESQL**
C700068	**ERROR ISSUED FROM SQL DELETE STATEMENT** For function TYPE = REPLACE, CA-CULPRIT detected an error while trying to delete data in the existing SQL table. The insertion of new data will not take place. **Severity: E** **Modules: CULESQL**

Message ID	Message
C700069	**SQL TABLE DEFINITION SUCCESSFULLY CREATED** CA-CULPRIT successfully created a new SQL table definition. **Severity: I** **Modules: CULLSQL**
C700070	**NULL INDICATOR MISSING FOR PREVIOUS SQL CALL** When updating an existing SQL table, with either TYPE = ADD or TYPE = REPLACE, you must specify edit parameters for both the SQL column and its corresponding null indicator. Null indicators must always be specified with FB format code and SZ = 4. **Severity: E** **Modules: CULLSQL**

3.12 Range 750 messages

Message ID	Message
C750001	**EXTRACT FILE EMPTY. RUN TERMINATED.** The extracted items and statistics file contains system control records only. This error probably occurred because either there are no CA-CULPRIT parameters input for the job or all the parameters have an error. Correct your source and resubmit the job. **Severity: F** **Modules: CULE**
C750002	**RUN TERMINATED. INCOMPATIBLE VERSIONS CULL** *version-number* **CULE** *version-number* The system terminated the job. The version of CA-CULPRIT that was executed in the compile phase (CULL) does not match the version that was executed in the output phase (CULE). To evaluate this error, check the run JCL and the listings that were generated in the installation procedure. Use CULL and CULE programs from the same release of CA-CULPRIT. **Severity: F** **Modules: CULE**
C750003	**UNRECOGNIZABLE CONTROL RECORD - RUN TERMINATED** CA-CULPRIT encountered an unknown record in the Extracted Items and Statistics file. This is an internal system error. Call Computer Associates Technical Support. **Severity: F** **Modules: CULE**
C750004	**RUN CANCELLED** CA-CULPRIT canceled the job. Subsequent messages indicate the reason for failure. **Severity: F** **Modules: CULE**

Message ID	Message
C750005	**CANCEL OF REPORT** **(CONT) INSUFFICIENT STORAGE AVAILABLE FOR table/work-area** **(CONT) BYTES REQUESTED bytes** **(CONT) BYTES SHORT bytes** CA-CULPRIT canceled the report because of one of the following error conditions: ■ CA-CULPRIT could not allocate enough storage for the named table or work area. The message indicates the number of bytes requested and the number of bytes still needed to provide sufficient storage. ■ The subscript is invalid because it is negative, 0 (zero), or greater than the maximum allowed for the multiply-occurring field. ■ The CA-CULPRIT code includes a nested PERFORM statement in type 8 procedure logic. ■ The CA-CULPRIT code includes a RETURN statement, but no matching PERFORM statement in type 8 procedure logic. **Severity: E** **Modules: CULE**
C750009	**RECORDS WRITTEN FOR REPORT *rr — nnn*** CA-CULPRIT prints the number of records it prints for each report in a run. *Rr* specifies the report number and *nnn* specifies the number of records written. The record count includes all header, detail, and total lines. In printed reports, the record count includes additional lines that are written for spacing that is requested with a hyphen (-) or zero (0) break code. **Severity: *** **Modules: CULE**
C750010	**FIELD NOT NUMERIC IN REPORT *report-number*** The system encountered nonnumeric data in the extracted data for the indicated report. The field is treated as though its value were 0 (zero). Further action depends on the error-action indicator that was specified on the PROFILE parameter for the OE= keyword expression. **Severity: W** **Modules: CULE**

Message ID	Message
C750011	**DECIMAL OVERFLOW IN ARITHMETIC OPERATION IN REPORT *report-number*** CA-CULPRIT detected an overflow during an add, subtract, or multiplication operation in the output phase (that is, CULE step) for the indicated report. The result of the operation, after a possible shift for decimal alignment, contains too many digits to fit into the result field. This message prints in the body of the report, where the error occurs. High-order (that is, overflow) digits of the result are lost; low-order digits of the result are stored in the result field. **Severity: W** **Modules: CULE**
C750012	**DECIMAL DIVIDE EXCEPTION IN REPORT *report-number*** A divide exception occurred in a division operation in a type 7 or type 8 procedure statement. The quotient is set to 0 (zero). This error can occur in a type 7 or type 8 procedure statement, as follows: ■ Type 7 procedure statement — The error message appears as part of an extended error-handling message, as described in Chapter 4, “Extended Error Handling Facility” on page 4-1. ■ Type 8 procedure statement — The error message appears in the body of the report at the place where the error occurred. A divide exception can occur during a division operation if any of the following conditions apply: ■ The divisor is 0 (zero). ■ The divisor contains more than 15 significant digits. ■ The dividend contains more than 30 digits; this can occur after decimal place adjustment. ■ The quotient contains more than 15 significant integer digits, but the result is an 8-byte work field. **Severity: W** **Modules: CULE**
C750013	**(CONT) ERRONEOUS SUBSCRIPT VALUE subscript-value** See message ID C750005
C750014	**(CONT) INVALID PERFORM** See message ID C750005
C750015	**(CONT) INVALID RETURN** See message ID C750005

Message ID	Message
C750016	**ABEND 100, TABLE OVERFLOW - *table-name*** CA-CULPRIT detected an overflow in the indicated system-defined table. This is an internal system error. For more information on this message, see Chapter 5, “Abend Codes” on page 5-1 and call Computer Associates Technical Support. **Severity: F** **Modules: CULE**
C750017	**CANCEL AT USER REQUEST - ABEND *abend-code*** The default or user-specified limit for errors that involve nonnumeric data, decimal overflows, or decimal divide exceptions in the edit phase (that is, CULE step) was exceeded. The edit phase was canceled. For more information on this message, see Chapter 5, “Abend Codes” on page 5-1. **Severity: F** **Modules: CULE**
C750018	**CA-CULPRIT SYSTEM ERROR. ABEND 200** CA-CULPRIT detected an error that caused the system to abend. This is an internal system error. For more information on this message, see Chapter 5, “Abend Codes” on page 5-1 and call Computer Associates Technical Support. **Severity: F** **Modules: CULE**
C750019	**BAD RESTART PARAMETER** CA-CULPRIT detected a RESTART parameter that was input to the output phase (that is, CULE step), but either the RESTART parameter does not contain the keyword RESTART in positions 1 through 7, or the parameter specifies one or more nonnumeric report numbers. This message applies only to parameters that are not blank. A blank RESTART parameter is permitted. **Severity: F** **Modules: CULESERV**
C750020	**RESTART REPORT(S) NOT FOUND.** CA-CULPRIT found no reports in the range that was specified on a RESTART parameter. No report output is produced during this execution of the output phase (that is, CULE step). **Severity: F** **Modules: CULESERV**

Message ID	Message
C750021	**CA-CULPRIT SYSTEM ERROR HAS OCCURRED DURING *device-type*** **(CONT) OUTPUT. REG 15 OF DUMP CONTAINS ERROR CODE** CA-CULPRIT detected an internal error during the output phase (that is, CULE step) for a nonprint output file type of card, ISAM, tape, or disk. With the exception of the ISAM file type, CA-CULPRIT generates a dump with each type of error. This is an internal system error. The message is produced for each file type in OS/390 and VSE/ESA as follows: ■ **OS/390 users only** — When the device type is ISAM LOAD, the second line of the error message does not print, Register 15 is not set, and no dump is produced. ■ **VSE/ESA users only** — When the device type is CARD, Register 15 is set to 2; this indicates that the file type indicator is not set to C for card. ■ **VSE/ESA users only** — When the device type is TAPE, Register 15 is set as follows: – R15=2 — The file-type indicator is not set to T for tape. – R15=3 — The record-type indicator is not set to F for fixed. – R15=4 — The label-type indicator is not set to S for standard. ■ **VSE/ESA users only** — When the device type is DISK, the file type is in error, as described below: – R15=2 — The file indicator is set to D for disk. – R15=3 — The record-type indicator is not set to F for fixed. **Severity: E** **Modules: CULECARD** **CULETAPE** **CULEDISK** **VSE/ESA** **CULEISAM**
C750023	**ISAM LOAD - UNCORRECTABLE OUTPUT ERROR** **OS/390 users only** — The user requested ISAM file output, but the operating system encountered an unrecoverable error while writing the file. To correct this error, scratch the file and resubmit the job. **Severity: E** **Modules: CULEISAM OS/390**

Message ID	Message
C750024	**ISAM LOAD - SPACE NOT FOUND** **OS/390 users only** — The user requested ISAM file output, but the value that was specified on the SPACE parameter in the JCL is not large enough to hold the output. To correct this error, scratch the file, revise the SPACE parameter in the JCL, and resubmit the job. **Severity: E** **Modules: CULEISAM OS/390**
C750025	**ISAM LOAD - RECORD OUT OF SEQUENCE. DATASET CLOSED** **OS/390 users only** — ISAM file output was requested, but CA-CULPRIT has encountered a record with a sort-key value that is less than the sort-key value of the previous record. The output file was closed. It can be accessed, but includes only those records up to (but not including) the record with the out-of-sequence key value. A common cause of this error is the failure to specify a details-only report on the OUTPUT parameter. **Severity: E** **Modules: CULEISAM OS/390**
C750026	**ISAM LOAD - DUPLICATE RECORD. DATASET CLOSED** **OS/390 users only** — ISAM file output was specified, but CA-CULPRIT has encountered a record with a primary sort-key value identical to that of the previous record. The output file was closed. It can be accessed, but includes only those records up to (but not including) that with the duplicate key. A common cause of this error is the failure to specify a details-only report on the OUTPUT parameter. **Severity: E** **Modules: CULEISAM OS/390**
C750027	**ISAM LOAD - INCORRECT RECORD LENGTH** The user requested ISAM file output, but the output record size is not large enough to hold the ISAM key and the output data fields. **Severity: Modules: CULEISAM OS/390**
C750028	**(CONT) BLOCKSIZE EXCEEDS 4000 BYTE LIMIT** The maximum ISAM output block size has been exceeded. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**

Message ID	Message
C750029	**(CONT) EOF SWITCH NOT FF,00, OR 0F** An internal error occurred on the EOF switch. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750030	**(CONT) TCD INDICATOR IS NOT I** An internal error occurred on the TCD indicator. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750031	**(CONT) BLKSIZE IS NOT A MULTIPLE OF RECSIZE** The block size is not a multiple of the record size. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750032	**(CONT) KEYLOC EXCEEDS RECSIZE** The ISAM keyfield start position is beyond the end of the output record. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750033	**(CONT) KEYLEN + KEYLOC-1 EXCEEDS RECSIZE** The ISAM key field extends beyond the end of the output record. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750034	**(CONT) BLKSIZE + KEYLEN EXCEEDS TRACK CAPACITY** The block size plus the DASD key exceeds the track capacity. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750035	**(CONT) DATA + KEY EXCEEDS OVERFLOW TRACK CAPACITY** The record size plus the ISAM key exceeds the overflow track capacity. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**

Message ID	Message
C750036	**(CONT) UNRECOVERABLE DASD ERROR** An I/O error occurred on ISAM output. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750037	**(CONT) CYLINDER INDEX AREA FULL** Insufficient index area was allocated for ISAM output. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750038	**(CONT) KEY ERROR- CHECK FOR DUPLICATE KEY** A duplicate or invalid ISAM key field was encountered. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750039	**(CONT) PRIME DATE AREA IS FULL** Insufficient space was allocated for the ISAM output file. **Severity: E** **Modules: CULEISAM OS/390** **CULEISAM VSE/ESA**
C750040	**ISAM OUTPUT INITIALIZATION ERROR** The user requested ISAM file output, but an error occurred. CA-CULPRIT prints subsequent error messages that document the cause for failure. **Severity: E** **Modules: CULEISAM VSE/ESA**
C750041	**ISAM MODULE EXECUTION ERROR** The VSE/ESA ISAM output module encountered an error condition that subsequent continuation messages explain. **Severity: E** **Modules: CULEISAM VSE/ESA**
C750043	**UNKNOWN PROGRAM CHECK** CA-CULPRIT detected a program check other than a data exception (7), decimal overflow (10), or decimal divide (11). **Severity: F** **Modules: CULE**

Message ID	Message
C750044	**REPORT CANCELLED AT USER REQUEST** The user set a limit for the number of CA-CULPRIT program checks (that is, data, decimal overflow, and decimal divide exceptions) on the PROFILE parameter by coding an OE= keyword expression with STOP as the error action verb. The CA-CULPRIT job exceeded the user-supplied limit, thereby terminating the report. **Severity: E** **Modules: CULE**
C750051	**BIND ERROR, STATUS = *idms-error-status*** The system detected an error that relates to the CA-IDMS/DB database. The extract is terminated. Output reports are produced based on any data that was extracted up to this point. See *CA-IDMS Messages and Codes*. for the CA-IDMS/DB error status codes. **Severity: E** **Modules: CULEIDB**
C750055	**IDMS ERROR STATUS = *IDMS-error-status*** **(CONT) LOGICAL REC STATUS= logical-record-status** **(CONT) LAST LR VERB = logical-record-verb** **(CONT) SEQUENCE NUMBER = sequence-number** **(CONT) LRPXELEN = lr-CONTrol-block-length** **(CONT) LRMAXVXP = lr-CONTrol-block-length** **(CONT) LOGICAL RECRD NAME= logical-record-name** CA-CULPRIT detected a database error while attempting update a ASF table. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULEIDB**

3.13 Range 760 messages

Message ID	Message
C760001	**THE FOLLOWING ROWS WERE NOT STORED DUE TO INSERT ERRORS:** OUTPUT RECORD NUMBER — ERROR CODE — R E C O R D L A Y O U T iiii — nnnn — CHAR / ZONE / DIGIT — hex dump 1...5...10....5...20....5...30.. CA-CULPRIT has stored all rows of data except the following (see below) which were not stored because of INSERT error(s). The value, *iiii*, represents the row number containing the error. The value, *nnnn*, represents the SQL extended error code (SQLCERC) returned from the SQLCA. The **Record Layout** provides a complete vertical hex dump of the CA-CULPRIT output buffer to assist in the debugging. For more information about the above error codes, refer to the *CA-IDMS SQL Reference Guide*. **Severity: W** **Modules: CULESQL**

3.14 Range 800 messages

Message ID	Message
C800001	**PATH TABLE OVERFLOW** CA-CULPRIT encountered an internal table allocation error. Call Computer Associates Technical Support. **Severity: F** **Modules: CULLDPAK**
C800002	**KEY TABLE OVERFLOW** CA-CULPRIT encountered an internal table allocation error. Call Computer Associates Technical Support. **Severity: F** **Modules: CULLDPAK**
C800003	**F-LEVEL ERROR DETECTED IN CULP0 STEP** CA-CULPRIT encountered an F-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only. CULP0 may also produce messages of a lower severity level (for example, E- or W-level messages) for this parameter. To evaluate this error, review the Sequential Parameter Listing. **Severity: F** **Modules: CULLDPAK**
C800004	**E-LEVEL ERROR DETECTED IN, CULP0 STEP** CA-CULPRIT encountered an E-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only. CULP0 may also produce messages of a lower severity level (for example, W-level messages) for this parameter. To evaluate this error, review the Sequential Parameter Listing. **Severity: E** **Modules: CULLDPAK**
C800005	**W-LEVEL ERROR DETECTED IN, CULP0 STEP** CA-CULPRIT encountered a W-level error during the precompile phase (that is, CULP0 step). It produces this message for PATH and KEY parameters only. To evaluate this error, review the Sequential Parameter Listing. **Severity: W** **Modules: CULLDPAK**

Message ID	Message
C800006	**UNDEFINED QUALIFIER** A record or file name was used to qualify a field, but either the record name is not defined on a PATH parameter or the file is not specified in the FN= keyword expression on an INPUT or KEYFILE parameter. Make sure that the qualifying name appears on either the PATH, INPUT, or KEYFILE parameter, and resubmit the job. **Severity: E** **Modules: CULLDPAK**
C800007	**IDMS CA-CULPRIT INPUT BUFFER SIZE EXCEEDED** In a run that accesses CA-IDMS/DB records, CA-CULPRIT cannot fit all of the records to be accessed in the space allocated for the input buffer. By default, the input buffer size is 1000 bytes. The *CA-Culprit Reference Guide* provides instructions to determine how much buffer space is required. Calculate the required space, increase the record size on the INPUT parameter, and resubmit the job. **Severity: F** **Modules: CULLDPAK**
C800008	**MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED** In a run that accesses CA-IDMS/DB database records, more than 255 record names appear on the PATH parameters. CA-CULPRIT allows as many as 255, but no more. Reduce the number of record names and resubmit the job. **Severity: F** **Modules: CULLDPAK**
C800009	**INVALID NAME USED IN WHERE CLAUSE** ***path-id*** The user referenced a field in the WHERE clause on a PATH or SELECT/BYPASS parameter, but the field is not defined to either a record named on a PATH parameter or a file named on a KEYFILE parameter. The message identifies the path ID of the PATH parameter that contains the error. **Severity: F** **Modules: CULLDPAK**

Message ID	Message
C800010	**WHERE CLAUSE CODED FOR INVALID PATH** CA-CULPRIT encountered an error on a PATH parameter so that the associated WHERE clause on the PATH parameter or SELECT/BYPASS parameter cannot be evaluated. Correct your code and resubmit the job. **Severity: F** **Modules: CULLDPAK**
C800011	**ILLEGAL COMBINATION OF KEYFILE AND KEY CARD** When CA-CULPRIT processes logical records, it is possible to use a KEYFILE parameter containing a FN= keyword expression but no KF= keyword expression. However, in this situation, the CA-CULPRIT code cannot include KEY parameters. **Severity: F** **Modules: CULLDPAK**

3.15 Range 850 messages

Message ID	Message
C850001	**EXTRACT SUPPRESSED BECAUSE OF ERRORS** CA-CULPRIT detected E-level errors that prevent processing for all reports on an INPUT parameter for a run that accesses CA-IDMS/DB database records. To evaluate these errors, review the Sequential Parameter Listing and the Input Parameter Listing. **Severity: F** **Modules: CULLDCLI** **CULLIDBR**
C850002	**BIND ERROR, STATUS =** ***idms-error-status*** The system detected an error that relates to binding a run unit for a run that accesses an CA-IDMS/DB database. The extract is terminated. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI** **CULLIDBR**
C850003	**OPEN AREAS ERROR, STATUS =** *idms-error-status* The system could not ready an CA-IDMS/DB area for a run that accesses an CA-IDMS/DB database. The extract is terminated. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI** **CULLIDBR**
C850004	**BASE RECORD READ ERROR, STATUS =** ***idms-error-status*** The system could not obtain the first record name on the PATH parameter in a run that accesses an CA-IDMS/DB database. The extract is terminated. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI**
C850005	**OWNER RECORD READ ERROR, STATUS =** ***idms-error-status*** CA-IDMS/DB could not obtain an owner record and returned a status code to CA-CULPRIT that terminates execution. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI**

Message ID	Message
C850006	**MEMBER RECORD READ ERROR, STATUS = *idms-error-status*** CA-IDMS/DB could not obtain the next member record of a set and returned a status code to CA-CULPRIT that terminates execution. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI**
C850010	**KEYFILE READ ERROR** An I/O error occurred during an attempt to read the key file in a database access run. To evaluate this error, check the JCL. Refer to *CA-IDMS Messages and Codes*, for an explanation of the CA-IDMS/DB error status. **Severity: E** **Modules: CULLDCLI**
C850011	**IDMS ERROR STATUS = idms-error-status** **(CONT) ERROR RECORD = record-name** **(CONT) ERROR SET = set-name** **(CONT) ERROR AREA = area-name** **(CONT) LAST GOOD RECORD= record-name** **(CONT) LAST GOOD AREA= area-name** **(CONT) LOGICAL REC STATUS= logical-record-status-code** **(CONT) LOGICAL RECRD NAME= logical-record-name** **(CONT) LAST LR VERB = logical-record-verb** **(CONT) LRPXELEN = lr-control-block** **(CONT) LRMAXVXP = lr-control-block** The system detected an error that relates to the CA-IDMS/DB database. Refer to *CA-IDMS Messages and Codes*, for the CA-IDMS/DB error status code. **Severity: E** **Modules: CULLDCLI**
C850026	**INVALID TYPE CODE** CA-CULPRIT issued a call to DB-EXIT to obtain a set value. However, the fifth argument was not a valid code for a data type. Valid codes are 1 (binary), 2 (zoned), 3 (packed) and a blank (' ' for alphanumeric). No value was set by DB-EXIT. Correct the data type for the fifth argument and resubmit the job. **Severity: I** **Modules: CULLDCLI**

Message ID	Message
C850027	**FIELD SIZE TOO LARGE — *field-size*** The user coded the indicated field size in the fourth argument of a DB-EXIT call to obtain a set value. The field length that is specified exceeds the maximum length permitted for the type of data that is described in the fifth argument. Refer to the *CA-IDMS Messages and Codes*, for limits that apply to each data type. Adjust the field length in the CA-CULPRIT code and resubmit the job. **Severity: I** **Modules: CULLDCLI**
C850029	**CONSOLIDATION LIMIT OF 999 TABLES EXCEEDED** **(CONT) CULLIDBR CANNOT CONTINUE DATA EXTRACTION** In a run that consolidates data tables, the CA-CULPRIT code contains more than 999 INPUT parmeters. CA-CULPRIT can consolidate as many as 999 tables in a single run. Correct your code and resubmit the job. **Severity: E** **Modules: CULLIDBR**
C850030	**FINISH ERROR,**STATUS = *idms-status-code* **(CONT) TABLE-ID =** nnn A nonzero error status was returned during the @FINISH macro on your input data table. Refer to *CA-IDMS Messages and Codes*, for more information about CA-IDMS/DB error status codes. **Severity: E** **Modules: CULLIDBR**

Message ID	Message
C850031	**THIS TABLE CANNOT BE CONSOLIDATED:** ***table-name*** **(CONT) CULLIDBR SKIPPING TO TABLE-ID table-id** **(CONT) CULLIDBR CANNOT CONTINUE DATA EXTRACTION** In a run that consolidates data tables, CA-CULPRIT encountered a table whose column definitions are not the same as the column definitions in the primary table. Depending on whether the PROFILE parameter specifies EX=E, one of the two continuation messages prints: ■ **EX=E** — CA-CULPRIT bypasses the table in error and extracts information from the next table in the CA-CULPRIT job (*table-id*). ■ **No EX=E** — CA-CULPRIT prints a message stating that it cannot continue to extract data. **Severity: E** **Modules: CULLIDBR**
C850034	**ERROR READING LOGICAL RECORD,** STATUS = ***idmsr-error-status*** **(CONT) LRVERB =** logical-record-verb **(CONT) LRSTATUS =** logical-record-status **(CONT) LR PXE LENGTH =** lr-control-block-length **(CONT) LR MAX VXP =** lr-control-block-length **(CONT) LOGICAL RECORD NAME =** logical-record-name This message describes a logical-record error that occurred while obtaining a record from an input data table. **Severity: E** **Modules: CULLIDBR**
C850035	**LAST XDE IN USER WHERE CLAUSE IS INVALID** CA-CULPRIT detected an internal system error associated with a WHERE clause. Check the WHERE clause for errors before calling Computer Associates Technical Support. **Severity: F** **Modules: CULLIDBR**

Message ID	Message
C850036	**A "KEY-VALUE" EXPRESSION IS REQUIRED IN YOUR WHERE CLAUSE.** **(CONT) CULLIDBR CANNOT CONTINUE DATA EXTRACTION** In a CA-CULPRIT run that accesses logical records, the WHERE clause of the path parameter can include the word 'KEY-VALUE'. KEY-VALUE instructs CA-CULPRIT to compare values either on KEY parameters or in KEYFILE files to values in a field in a logical record. **Severity: F** **Modules: CULLIDBR**

Chapter 4. Extended Error Handling Facility

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4.1 About the Extended Error Handling Facility

What is the EEHF?: The Extended Error Handling Facility (EEHF) provides information to help you find and correct errors resulting from defective data. It prints a descriptive error message and additional information that helps identify where the defective data resides in the file and what that data is.

Phases when messages occur: Messages from EEHF occur during the Culprit input and output phases:

- Input phase errors occur when errors exist in the input data. For example, when an numeric input field contains alphanumeric data, an input phase error occurs.
- Output phase errors occur during the extract phase when CA-Culprit reads the Extracted Items and Statistics file.

In this chapter: In this chapter you will find a:

- Description of the messages generated for each phase
- Discussion of recovery procedures CA-Culprit performs in response to an error
- Discussion of methods to print and control messages generated by EEHF

4.2 Input phase errors

CA-Culprit generates 14 input phase error messages, which fall into the following categories:

Message	Description
Type 7 processing	Occur when data is processed in the type 7 logic of the Culprit job
Match-file	Occur in a match-file run if the data is not in the proper sequence or invalid match keys exist
Selection	Occur when selecting input data for processing by using the SELECT/BYPASS parameters
Storage violation	Occurs when CA-Culprit attempts to store rows in a table for which row-level security is enforced

4.2.1 Type 7 messages

Type 7 processing messages occur because of the following types of problems:

- Invalid numeric data
- Subscript errors
- Errors that result from a PERFORM, RETURN, or DB-EXIT request
- Program interrupt errors

The table below lists the messages produced by EEHF for errors that occur while processing type 7 logic. The table below also shows each message as it appears on the Run Time Messages listing.

Message Number	Message
1	INVALID NUMERIC DATA ENCOUNTERED IN REPORT
2	INVALID SUBSCRIPT VALUE USED IN REPORT
3	OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT
4	DECIMAL DIVIDE EXCEPTION IN REPORT
5	INVALID USE OF PERFORM IN REPORT
6	INVALID USE OF RETURN IN REPORT
7	INVALID USE OF DB-EXIT IN REPORT
8	PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT MODULE
9	PROGRAM CHECK OCCURRED DURING EXECUTION OF USER PROCEDURE MODULE IN REPORT

The messages that follow describe additional information which appear along with those messages in the table above; each of the following messages is interrelated.

Error occurred during processing

ERROR OCCURRED DURING PROCESSING: This message identifies the Culprit statement on which the error occurred. The message identifies a SORT parameter field, header line field, detail line field, or type 7 procedure statement number.

Sort field

SORT FIELD sort-field-number: This message identifies the number of a field on a SORT parameter. CA-Culprit assigns numbers starting with 1 for the first (left-most) sort field. In the example below, EEHF assigns SORT FIELD 3 to INV-DATE:

```
01SORT BRANCH-NUMBER 0 ACCOUNT-NUMBER INV-DATE
                                      ↑
                                      SORT FIELD 3
```

Header line

HEADER LINE header-line-number FIELD variable-field-number: This message identifies a type 4 edit parameter. In the example below, EEHF assigns HEADER LINE 2 FIELD 1 to BRANCH-NUMBER:

```
01410010 'BRANCH'
01420010 BRANCH-NUMBER  ◄ HEADER LINE 2 FIELD 1
```

Detail line

DETAIL LINE detail-line-number FIELD variable-field-number: This message identifies a type 5 edit parameter. In the example below, EEHF assigns DETAIL LINE 1 FIELD 3 to EMP-SALARY:

```
0151*010 EMP-NAME
0151*020 EMP-ADDRESS
0151*030 EMP-SALARY   ◄ DETAIL LINE 1 FIELD 3
```

Procedure statement

PROCEDURE STMT internal-sequence-number: This message identifies the sequence number of the type 7 parameter where the error occurred. In the example below, EEHF assigns PROCEDURE STMT 100 to the PERFORM instruction:

```
017100 PERFORM 200       ◄ PROCEDURE STMT 100
017110 SALARY + BONUS TAXABLE-SALARY
```

Most recent subscript value

*MOST RECENT SUBSCRIPT VALUE subscript-value *INVALID*:* This message identifies the value of the last subscript calculated by any report in the run. If a subscript has not been calculated, the value is 0 (zero). If the value is invalid, the literal *INVALID* appears beside the value.

Input buffer number

INPUT BUFFER NUMBER record-count: This message identifies the number of the input buffer processed in the run. For match-file runs, the number equals the number of **sets** of records that were processed. For database access runs, that were processed.

Input file is

INPUT FILE IS file-name: This message specifies the ddname (OS/390 and VM/ESA), file-name (VSE/ESA), or linkname (BS2000/OSD) of a file used in a match-file run. For example, EEHF identifies the file defined in the second INPUT parameter by the DD= value:

```
INPUT 80 F 400 DD=SYS010
  -
INPUT 80 F 400 DD=SYS011  ◄ INPUT FILE IS SYS011
```

Record number is

RECORD NUMBER IS record-number: This message identifies the record in the input buffer at the time of the interrupt. The record number is the number of the record in the input file. If no record is in the input buffer, the record number is 0 (zero).

Start position within buffer

START POSITION WITHIN BUFFER start-position: This message identifies the start position (in bytes) of the record in the input buffer. If the input buffer does not contain a record from the identified file, the following message appears instead:

```
RECORD IS NOT IN BUFFER
```

Record buffer dump

RECORD BUFFER DUMP: This message precedes a hexadecimal dump of the input buffer.

Workfields at time of interrupt

WORKFIELDS AT TIME OF INTERRUPT: This message precedes a dump of all work fields at the time of the interrupt. CA-Culprit groups the work fields as follows:

- **GLOBAL ALPHANUMERIC**
- **GLOBAL NUMERIC**
- **REPORT ALPHANUMERIC**
- **REPORT NUMERIC**

Within each category, the work fields are listed in the same order they appear in the Input Parameter Listing.

Invalid numeric data: The report below shows an example of the message and the record layout when invalid numeric data is encountered in a report:

```
04/27/99              RUN TIME MESSAGES        CAGJF0 V15.0  PAGE     1


   C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
   ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1  <---------- CA-Culprit identifies the error
                                                                occurred on a type 5 edit parameter.
   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP
                ┌─►
                │  CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
                │  ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
                │  DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                │        01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
   ┌────────────┘
   │            │  CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?               ?    H   G       &
   │            │  ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
   │            │  DIGIT  000003044552004193096640000000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
   │            └─►    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
   │
   │
   CA-Culprit  prints the contents of the
   record that contains invalid data.
```

Invalid subscript value: The report below shows an example of the message and the record layout when an invalid subscript value is used in a report:

```
04/27/99                RUN TIME MESSAGES         CAGJF0 V15.0  PAGE     1


   C350026 INVALID SUBSCRIPT VALUE USED IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      1  <-------- CA-Culprit encountered an invalid
                                                                          subscript while processing a type
   MOST RECENT SUBSCRIPT VALUE            0   *INVALID*                   7 process parameter.

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
               CHAR   0 0 0C0D4E520 MAIL ROOM                ?@  D       ?   1   Z8  ?              ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

               CHAR
               ZONE   00000001
               DIGIT  0000000C
                     01...5...

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC  <---------- CA-Culprit prints the contents
                                                                 of the work fields at the time
               CHAR          <       *       %                   of the error.
               ZONE   00000004000000050000000600000000
               DIGIT  0000000C0000000C0000000C0000000C
                     01...5...10....5...20....5...30..
   C350034 REPORT HAS BEEN TERMINATED


**********  END OF FILE  ******************************************************

          1 INPUT RECORDS READ
```

Overflow occurred doing arithmetic: The report below shows an example of the message and the record layout when an overflow occurred while doing arithmetic in a report:

```
04/27/99                 RUN TIME MESSAGES                 CAGJF0 V15.0  PAGE     1


   C350024 OVERFLOW OCCURRED DOING ARITHMETIC IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      1

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?               ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR
               ZONE   14824701024680246813557800000013456892 23
               DIGIT  3503680C135791357924667C000000245678012C
                     01...5...10....5...20....5...30....5...40
```

Decimal divide exception: The report below shows an example of the message and the record layout when a decimal divide exception occurs in a report:

```
04/27/99                  RUN TIME MESSAGES     CAGJF0 V15.0  PAGE     1


   C350025 DECIMAL DIVIDE EXCEPTION IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      1

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?              ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR
               ZONE   00000013000000000000000
               DIGIT  0000002C0000000C0000000C
                     01...5...10....5...20....
```

Invalid use of perform: The report below shows an example of the message and the record layout when an invalid use of perform is encountered in a report:

```
04/27/99                 RUN TIME MESSAGES               CAGJF0 V15.0  PAGE     1

   C350027 INVALID USE OF PERFORM IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      3

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?               ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

               CHAR   W
               ZONE   E
               DIGIT  6
                     01

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR
               ZONE   00000013000000000000000
               DIGIT  0000002C0000000C0000000C
                     01...5...10....5...20....
   C350034 REPORT HAS BEEN TERMINATED


**********  END OF FILE  ******************************************************

          1 INPUT RECORDS READ
```

Invalid use of return: The report below shows an example of the message and the record layout when an invalid use of return is encountered in a report:

```
04/27/99           RUN TIME MESSAGES           CAGJF0 V15.0  PAGE     1


   C350028 INVALID USE OF RETURN IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      3

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?              ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

               CHAR   W
               ZONE   E
               DIGIT  6
                     01

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR
               ZONE   00000013000000000000000
               DIGIT  0000002C0000000C0000000C
                     01...5...10....5...20....
   C350034 REPORT HAS BEEN TERMINATED


***********  END OF FILE  *******************************************************

           1 INPUT RECORDS READ
```

Invalid use of db-exit: The report below shows an example of the message and the record layout when an invalid use of db-exit is encountered in a report:

```
06/16/99                    RUN TIME MESSAGES                CAGJF0 V15.0  PAGE     1


   INVALID USE OF DB-EXIT IN REPORT 01
   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      9

   MOST RECENT SUBSCRIPT VALUE            1

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   0502126AAAAA127BBBBB                                                    25.000
               ZONE   FFFFFFFCCCCCFFFCCCCC44444444444444444444444444444444444444444444444444444FF4FFF
               DIGIT  05021261111112722222000000000000000000000000000000000000000000000000025B000
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

               CHAR   NS
               ZONE   DE
               DIGIT  52
                     01.

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

               CHAR          %
               ZONE   0000000600000000
               DIGIT  0000001C0000002C
                     01...5...10....5.
```

Program check during input: The report below shows an example of the message and the record layout when a program check occurred during execution of the input module:

```
06/16/99                    RUN TIME MESSAGES            CAGJF0 V15.0  PAGE     1


   PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT MODULE
   MOST RECENT SUBSCRIPT VALUE            1

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   0502126AAAAA127BBBBB                                                    25.000
               ZONE   FFFFFFFCCCCCFFFCCCCC4444444444444444444444444444444444444444444444444444444FF4FFF
               DIGIT  05021261111112722222000000000000000000000000000000000000000000000000000025B000
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

               CHAR   NS
               ZONE   DE
               DIGIT  52
                     01.

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

               CHAR          %
               ZONE   0000000600000000
               DIGIT  0000001C0000002C
                     01...5...10....5.
```

Program check during user procedure IN REPORT: The report below shows an example of the message and the record layout when a program check occurred during execution of the user procedure module in a report:

```
06/16/99                 RUN TIME MESSAGES               CAGJF0 V15.0  PAGE     1


   PROGRAM CHECK OCCURRED DURING EXECUTION OF USER PROCEDURE
   MODULE IN REPORT 01

   ERROR OCCURRED DURING PROCESSING PROCEDURE       STMT      9

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   0502126AAAAA127BBBBB                                                    25.000
               ZONE   FFFFFFFCCCCCFFFCCCCC44444444444444444444444444444444444444444444444444444FF4FFF
               DIGIT  05021261111112722222000000000000000000000000000000000000000000000000000025B000
                      01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL ALPHANUMERIC

               CHAR   NS
               ZONE   DE
               DIGIT  52
                      01.

   WORKFIELDS AT TIME OF INTERRUPT - GLOBAL NUMERIC

               CHAR          %
               ZONE   0000000600000000
               DIGIT  0000001C0000002C
                      01...5...10....5.

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR
               ZONE   00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
               DIGIT  0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000
                      01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR
               ZONE   00000000000000000000000000000000000000000000000000000000000000000000000000000000
               DIGIT  000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C0000000C
                     101...5...10....5...20....5...30....5...40....5...50....5...60....5...


   ********************

   DATA ERRORS IN USER PROCEDURE MODULE HAVE EXCEEDED      1
   MESSAGES SUPPRESSED UNTIL END OF FILE

   ********************
```

4.2.2 Match-file messages

Match-file messages occur because of the following type of errors:

- Incorrectly sequenced files
- Invalid match-key values

The table below lists the messages produced by EEHF for errors that occur while processing match-files. The table below shows each message as it appears on the Run Time Messages listing.

Message Number	Message
10	AN OUT OF SEQUENCE CONDITION HAS ARISEN
11	INVALID NUMERIC DATA IN A MATCH KEY FIELD

The messages that follow describe additional information that appears along with the messages in the table above:

Input file is

INPUT FILE IS file-name: This message identifies the ddname (OS/390 and VM/ESA), file-name (VSE/ESA), or linkname (BS2000/OSD) of the file in which the incorrect sequence occurred. For example, EEHF identifies the file defined in the second INPUT parameter as INPUT FILE IS SYS011:

```
INPUT 80 F 400 DD=SYS010
 -
INPUT 80 F 400 DD=SYS011  ◄ INPUT FILE IS SYS011
```

Record number is

RECORD NUMBER IS record-number: This message identifies the record in the input buffer at the time of the interrupt. The record number is the number of the record in the input file. If no record is in the input buffer, the record number is 0 (zero).

Key position is

KEY POSITION IS key-field-position: This message specifies the start position of the match-key field in the input file.

Key data type is

KEY DATA TYPE IS data-type-code data-type-literal: This message specifies the number of the data type defined for the match-key field on the REC parameter and the literal to which the data type number corresponds:

Data Type Code	Data Type Literal
0	ALPHANUMERIC
1	BINARY
2	ZONED DECIMAL

Data Type Code	Data Type Literal
3	SIGNED PACKED DECIMAL
4	UNSIGNED PACKED DECIMAL
5	BIT

Key length is

KEY LENGTH IS key-field-length: This message identifies the number of bytes defined for the match-key field on the REC parameter.

After either of these match-file messages, EEHF produces a hexadecimal dump of the contents of the input buffer for the identified file.

Note: The system reads ahead to detect invalid or out-of-sequence match keys. While one record is in the input buffer, the system reads the next record, checking for errors. If an error is detected, the error is reported before the input buffer is processed. Therefore, a match-file error for record 3 can appear in the Run Time Messages listing before a non-match-file error for record 2. Other errors for record 3 can be reported after it is processed.

Out of sequence condition: The report below shows an example of the message and the record layout when an out of sequence condition has arisen:

```
04/27/99                 RUN TIME MESSAGES              CAGJF0 V15.0  PAGE     4


   C350058 AN OUT OF SEQUENCE CONDITION HAS ARISEN
   INPUT FILE IS  SYS010
   RECORD NUMBER IS          3  <------------ Third record in file SYS010

   KEY POSITION IS       1
   KEY DATA TYPE IS  2  DECIMAL  <------------ Information about the match-key field
   KEY LENGTH IS    4

              CHAR   035EMARK      TIME           44 CLOCK ST         MALDEN         MA01776617555191I0103456012H0E0E8A0
              ZONE   FFFCDCDD444444ECDC44444444444FF4CDDCD4EE444444444DCDCCD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
              DIGIT  03554192000000394500000000000440336320230000000004134550000000004101776617555191901034560128050581 00
                    01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

              CHAR   0 0 0C0I5H520 MAIL ROOM                   ?@  D       ?   1   Z8  ?                    H   G
              ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008034 0A3000C000C0009022E
              DIGIT  000003095852004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E9146000800070010033 0
                   101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
```

Invalid numeric data used: The report below shows an example of the message and the record layout when invalid numeric data is used in a match key field:

```
04/27/99                   RUN TIME MESSAGES    CAGJF0 V15.0  PAGE     1


   C350051 INVALID NUMERIC DATA IN MATCH KEY FIELD
   INPUT FILE IS  SYS010
   RECORD NUMBER IS          1

   KEY POSITION IS       1
   KEY DATA TYPE IS  2  DECIMAL
   KEY LENGTH IS    4

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?               ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                    101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00
```

4.2.3 Selection messages

Selection messages occur when a field used in the criteria to select records contains either:

- Invalid numeric data
- An invalid subscript value

The table below lists the messages produced by EEHF for errors that occur on SELECT/BYPASS parameters. The report below shows each message as it appears on the Run Time Messages listing.

Message Number	Message
12	INVALID NUMERIC DATA IN SELECTION PROCESS
13	INVALID SUBSCRIPT VALUE USED IN SELECTION PROCESS

The following list describes additional information that can appear along with these messages:

Select condition reference number

SELECT CONDITION REFERENCE NUMBER reference-number: This message specifies the number of the selection condition reference assigned in the Input Parameter Listing. For example, EEHF prints SELECT CONDITION REFERENCE NUMBER 2 for the SELECT statement shown below when it encounters invalid numeric data for EMP-ID:

```
********
SEL/BYP  REF       CONDITION
********
 SEL             $     (EMP-NAME LT 'E') OR (EMP-ID GT 0100)
 SEL    00001      EMP-NAME  LT        'E'
 SEL    00002      EMP-ID    GT        0100
            ↑
           SELECT CONDITION REFERENCE NUMBER 2
```

Input record number

INPUT RECORD NUMBER record-number: This message specifies the file record number or input buffer record number associated with the SELECT/BYPASS parameter.

Field at time of interrupt invalid

FIELD ONE/TWO AT TIME OF INTERRUPT INVALID: This message specifies that the first or second field in the conditional expression is invalid. CA-Culprit prints a hexadecimal dump of the field that caused the error.

Subscript invalid for field

SUBSCRIPT INVALID FOR FIELD ONE/TWO: This message specifies that the subscript value for either the first or second field in the conditional expression is invalid. The subscript can be invalid if it is:

- Nonnumeric
- Negative
- Greater than the maximum number of occurrences specified for the multiply-occurring field

Invalid numeric data used: The report below shows an example of the message and the record layout when invalid numeric data is used in the selection process:

```
04/27/99                RUN TIME MESSAGES       CAGJF0 V15.0  PAGE     1


   C350079 INVALID NUMERIC DATA IN SELECTION PROCESS

   SELECTION CONDITION REFERENCE NUMBER-    1  <------ The first field in the expression identified
   INPUT RECORD NUMBER          1                    as reference number 1 contains invalid data.
   FIELD ONE AT TIME  OF INTERRUPT **INVALID**       CA-Culprit prints the contents of the field.

               CHAR   %%%%
               ZONE   6666
               DIGIT  CCCC
                     01...


 **********  END OF FILE  ******************************************************

          23 INPUT RECORDS READ


         SELECTION SPECIFICATION STATISTICS

         BEGINNING      TIMES      TIMES      TIMES    NUMERIC  SUBSCRIPT
         REFERENCE     TESTED       TRUE      FALSE     ERRORS     ERRORS
         NUMBER
              1            61         23         38          1          0
```

Invalid subscript value used: The report below shows an example of the message and the record layout when an invalid subscript value is used in the selection process:

```
04/29/99                  RUN TIME MESSAGES             CAGJF0 V15.0  PAGE     1


   C350082 INVALID SUBSCRIPT VALUE IN SELECTION PROCESS
   SELECTION CONDITION REFERENCE NUMBER-    1

   INPUT RECORD NUMBER          1

                CHAR          )
                ZONE   00000005
                DIGIT  0000000D
                      01...5...
   SUBSCRIPT IS INVALID FOR FIELD ONE
   C350036 RUN TERMINATED
```

4.2.4 Storage violation error

CA-Culprit returns a storage violation message when it attempts to store rows of a table for which row-level security is enforced. To store rows of a table, the OUTPUT parameter for the report must specify the name of the table (TABLE=) and one of the following keywords expressions:

- TYPE=CREATE
- TYPE=ADD
- TYPE=REPLACE

CA-Culprit checks the row-level criteria established for the specified user. For each row that does not meet the criteria, CA-Culprit prints this message followed by the first 100 bytes of the record:

```
C760001 THE FOLLOWING ROWS WERE NOT STORED DUE TO STORAGE VIOLATIONS
```

CA-Culprit prints the following information in the record layout:

- **OUTPUT RECORD NUMBER** specifies the number of the output record to be stored in the table. For example, the seventh record to be stored is OUTPUT RECORD NUMBER 7.
- **ERROR CODE** specifies one of two error codes:
  - **RLS** — Identifies a row-level security violation on a STORE operation. This code occurs if you do not have authority to store rows that have a particular key value or values.
  - **1205** — Identifies an CA-IDMS/DB error-status code. This code indicates that the row to be stored contains a duplicate key. This code occurs when CA-Culprit attempts to store a row in a table for which duplicate keys are not allowed.

Storage violations: The report below shows an example of the message and the record layout, when storage violations occur:

```
04/29/99                RUN TIME MESSAGES       CAGJF0 V15.0  PAGE     1


   C760001 THE FOLLOWING ROWS WERE NOT STORED DUE TO STORAGE VIOLATIONS:

    OUTPUT                R E C O R D    L A Y O U T
    RECORD   ERROR
    NUMBER   CODE

          1  1205      CHAR      BOSTON
                       ZONE   000CDEEDD44444444444  <--------- CA-Culprit does not store this row
                       DIGIT  01C26236500000000000            because it contains a duplicate key.
                              01...5...10....5...20

          2  1205      CHAR      CHICAGO
                       ZONE   000CCCCCCD4444444444
                       DIGIT  02C38931760000000000
                              01...5...10....5...20


       DATA TABLE UPDATE STATISTICS
                                                                                 ROWS       STORAGE
       REPORT     FUNCTION         LR-NAME                                     STORED     VIOLATIONS
       ------     --------         -------                                     ------     ----------
         01        ADD        TEST1205                                           2             2
```

4.3 Output phase errors

Output phase errors, which are similar to input phase errors, occur during the Culprit CULE phase of processing. Specifically, the following types of errors can occur:

- Program checks due to invalid numeric data
- Numeric overflows
- Arithmetic divide exceptions

Error handling during the extract phase and during the output phase differ, however, in two significant respects:

- Extended error handling, as described under "Input Phase Errors" above, does not occur for output phase errors.
- Output phase error messages appear in the body of the report at the place where the error occurred.

Output phase error: The report below shows an example of an error that occurred during the output phase:

```
                                    10
                                    10
                                    10
                                    10
                                    10
                                    10
                                    10
                                    10
W C750012 DECIMAL DIVIDE EXCEPTION IN REPORT 01
                                    80
```

4.4 Recovery after runtime errors

Every time CA-Culprit invokes EEHF, it performs recovery procedures to continue processing. The recovery procedure depends on:

- The type of error
- The error limit established at installation or on the PROFILE parameter, as described later in this chapter
- The error action indicated on the PROFILE parameter, as described later in this chapter

4.4.1 Recovery procedures

Program check errors: For program check errors, such as invalid numeric data, overflows, and divide exceptions (messages 1, 3, 4, and 8), CA-Culprit re-executes the associated code after it:

- Assigns 0 to fields containing invalid numeric data
- Truncates the high-order digits for data overflow in a field
- Sets the result field to 0 in an arithmetic instruction that causes a divide exception

CA-Culprit does not modify the field value in the input buffer or in working storage. However, it does substitute another value depending on the process statement where the error occurs:

- In a B HEAD instruction, detail, extract, or sort processing, the value printed, totaled, or sorted is 0 (zero).
- In procedure code, further effects will vary depending on the statement. If the original invalid field is a:
  - Calculated subscript, an assumed 0 (zero) value will cause an INVALID SUBSCRIPT condition
  - Calculated divisor, an assumed 0 (zero) value will cause a DIVIDE EXCEPTION.
  - Extracted field, processing will continue normally but the field is processed as though its value were 0 (zero).

Invalid subscripts: For invalid subscripts (message 2), CA-Culprit terminates processing for the report and issues the following message:

```
REPORT HAS BEEN TERMINATED
```

Invalid use of perform, return, db-exit: For invalid use of PERFORM, RETURN, or DB-EXIT instructions (messages 5, 6, and 7), CA-Culprit terminates processing for the report and issues the following message:

```
REPORT HAS BEEN TERMINATED
```

Out-of-sequence match-file errors: For out-of-sequence match-file errors (message 10), no recovery procedures are necessary. CA-Culprit continues processing and returns all records to the report logic.

Invalid match-key errors: For invalid match-key errors, CA-Culprit continues processing, but assigns the invalid key the lowest value possible (for example, -999). CA-Culprit matches the invalid key only with another invalid key value.

If higher-order match keys are specified and all are equal, a record with an invalid key will be considered lower in the collating sequence than records with a valid key. The associated record will therefore be delivered to the report logic before any other records.

Note: Invalid match keys do not affect sequence errors and are considered to be in the proper sequence. However, other match keys on the same record may cause an out-of-sequence condition.

Invalid numeric data in select/bypass: For invalid numeric data in SELECT/BYPASS logic (message 12), CA-Culprit continues processing. CA-Culprit assigns the invalid field the lowest possible value. For example, if the field is numeric, -999. For alphanumeric subscripted fields, (that is, the subscript is invalid), CA-Culprit assigns hexadecimal zeros.

Invalid subscript values in select/bypass: For invalid subscript values in SELECT/BYPASS logic, CA-Culprit abends the job and prints this message:

```
RUN TERMINATED, ABEND 998
```

Following this message, CA-Culprit prints a system dump of all files, buffers, and work areas open at the time of the error.

4.5 Error-handling options for runtime messages

You can control:

- How many runtime messages print
- Actions to take once CA-Culprit reaches its limit
- How hexadecimal dumps appear

4.5.1 How many messages print

The table below identifies options on the PROFILE that control the number of times messages print:

PROFILE Option	Type of Error or Format	System Default
HD=	Horizontal (H) or vertical (V) input buffer dump format	V
EE=	Invalid numeric data	25
SE=	SELECT/BYPASS logic errors	25
ME=	Invalid numeric match-key errors	25
PE=	Program check in user procedure module	0
IE=	Program check in user input module	0
None	Match-file out-of-sequence errors	25

►► For information about how to control printing messages, see 1.4, “Error-Handling options” on page 1-17.

►► For more information about PROFILE options, refer to *CA-Culprit Reference Guide*.

Message termination: When CA-Culprit reaches the default or user-supplied limit for a particular type of error, it prints a message and continues to print messages of other types of errors until one of the following occurs:

- All error limits are exceeded
- The run or report terminates
- CA-Culprit reaches the end of the file

For example:

```
NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED error-limit
MESSAGES SUPPRESSED UNTIL END OF FILE
```

4.5.2 Runtime error actions

For each of the options (except HD=) in the table above, you can specify the Culprit response if it prints the specified number of messages:

- ABEND or CANCEL — Terminates the Culprit processing phase and generates a dump if requested
- STOP — Forces end-of-file processing

- IGNORE — Allows processing to continue

The total number of errors encountered in the run appear in the end-of-file, end-of-match, and end-of-report statistics. To suppress these statistics, specify ABEND or CANCEL for the Culprit response when CA-Culprit exceeds the specified limit of errors.

4.5.3 How hexadecimal dumps appear

The reports below show the vertical and horizontal options for a buffer dump. Each report contains annotations explaining the report output.

Vertical dump: The report below shows a vertical dump of the input buffer and work fields:

```
04/28/99                  RUN TIME MESSAGES                CAGJF0 V15.0  PAGE     1


   C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
   ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

               CHAR   %%%%TERRY     JANSEN         SESE-SEKO           EASTON         MA05491617773839H1202910166F1A0B7I0
               ZONE   6666ECDDE44444DCDECD444444444ECEC6ECDD44444444444CCEEDD444444444DCFFFFFFFFFFFFFFFCFFFFFFFFFFFCFCFCFCFC
               DIGIT  CCCC359980000011525500000000025250252600000000000512365000000000410549161777383981202910166611027900
                     01...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

               CHAR   0 0 0C0D4E520 MAIL ROOM                   ?@  D       ?   1   Z8  ?               ?    H   G       &
               ZONE   FCFCFCFCFCFFFCDCCD4DDDD44444444440B140B1006770CE40B3006850F170EF00690000080008030060000C000C00090225
               DIGIT  000003044552004193096640000000004D684B005FC844084EA05F88418849805F4000B00006B0E05F40008000700100320
                     101...5...10....5...20....5...30....5...40....5...50....5...60....5...70....5...80....5...90....5...00

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

               CHAR          <
               ZONE   00000004
               DIGIT  0000001C
                     01...5...
```

Horizontal dump: The report below shows a horizontal dump of the input buffer and work fields:

```
04/28/99                  RUN TIME MESSAGES               CAGJF0 V15.0  PAGE     1


   C350023 INVALID NUMERIC DATA ENCOUNTERED IN REPORT 01
   ERROR OCCURRED DURING PROCESSING DETAIL   LINE 1 FIELD   1

   MOST RECENT SUBSCRIPT VALUE            0

   INPUT BUFFER NUMBER            1

   RECORD BUFFER DUMP

 POSITION  ADDRESS  STORAGE

  00001    009150   6C6C6C6C E3C5D9D9 E8404040 4040D1C1   D5E2C5D5 40404040 40404040 40E2C5E2   *%%%%TERRY     JANSEN         SES*
  00033    000020   C560E2C5 D2D64040 40404040 40404040   40C5C1E2 E3D6D540 40404040 40404040   *E-SEKO           EASTON         *
  00065    000040   D4C1F0F5 F4F9F1F6 F1F7F7F7 F3F8F3F9   C8F1F2F0 F2F8F7F0 F1F6F6C6 F1C1F0C2   *MA05491617773839H1202910166F1A0B*
  00097    000060   F7C9F0C0 F0C0F0C0 F0C3F0C4 F4C5F5F2   F0C0D4C1 C9D340D9 D6D6D440 40404040   *7I0.0.0.0C0D4E520.MAIL ROOM     *
  00129    000080   40404040 4004BD16 4804BB10 00056F7C   7804C4E0 4804BE3A 00056F88 5804F118   *     .........?@..D.......?...1.*
  00161    0000A0   7804E9F8 00056F94 0000000B 00800000   068B003E 00056F04 000000C8 000000C7   *..Z8..?.............?....H...G*
  00193    0000C0   00000190 00232250                                                           *.......&                       *

   WORKFIELDS AT TIME OF INTERRUPT - REPORT NUMERIC

 POSITION  ADDRESS  STORAGE

  00001    034E78   00000000 0000014C                                                           *.......<
```

Chapter 5. Abend Codes

5.1 About abend codes 5-3
5.2 Range 00 - 99 abend codes 5-6
5.3 Range 100 - 9999 abend codes 5-7

5.1 About abend codes

CA-CULPRIT provides an abend code in an error message when an error causes a program to terminate. For example, invalid use of a PERFORM instruction generates a runtime error for which CA-CULPRIT terminates the run.

When a job abends: When a job abends, CA-CULPRIT automatically assigns an abend code of 999. You can override this default abend code by supplying one or more abend codes on the PROFILE parameter.

►► For more information, refer to the *CA-Culprit Reference Guide*.

CA-CULPRIT returns abend codes in different places, depending on your operating system and whether you run CA-CULPRIT as a 1-step job or a 5-step job. The table below lists each location. The report below illustrates an abend code in a 5-step CULPRIT job that ran under OS/390.

Operating System	Job Steps	Location of Abend Codes
OS/390	1	Job return code
OS/390	5	In the job log, as a user abend code and return code for the job step
VSE/ESA	1, 5	Does not appear in the CULPRIT listings
VM/ESA	1	VM/ESA system console
VM/ESA	5	VM/ESA system console
BS2000/OSD	5	In the SYSOUT and SYSLST files

Each of the abend codes that CA-CULPRIT generates appears in a list in the sections that follow: Each list indicates:

- The abend code number
- A description of the abend code
- The CULPRIT module that generates the abend
- The operating system to which the abend code applies, if necessary
- The messages that precede the abend code, if any

Example: The following example shows an abend code in an OS/390 5-step CULPRIT job:

```
J E S 2  J O B  L O G  --  S Y S T E M  J E S B  --  N O D E  C A
15.46.43 JOB 1446  TSS701I LHN      LAST-USED 29 APR 99 15:43 SYSTEM=SYSB FACILITY=BATCH
15.46.43 JOB 1446  TSS702I COUNT=01166  MODE=WARN  LOCKTIME=NONE NAME=L NELKEN
15.46.43 JOB 1446  $ LHN$5051 STARTED - INIT  4 - CLASS B - SYS JESB
15.46.43 JOB 1446  ** RUN FOR NELKEN-- - DESCRIPTION: LHN-C0600-NELKEN
15.46.43 JOB 1446  ** COMPANY: CULL - GROUP: 0600 - PROJECT: ---- - BIN: LBG0
15.46.43 JOB 1446  ** JOB TIME LIMIT FOR LHN$5051 SET TO    21.70 SECONDS.
15.46.49 JOB 1446  IEC130I CULSRT1I DD STATEMENT MISSING
15.46.51 JOB 1446  IEA995I SYMPTOM DUMP OUTPUT

                    ABEND CODE  USER= 0998 TIME=15.46.50 SEQ=04298 CPU=0000 ASID=0037
                    PSW AT TIME OF ERROR  078D0400   0001D0B6  ILC 2  INTC 0D
                      ACTIVE LOAD MODULE=CULL      ADDRESS=000099B8  OFFSET=000136FE
                      DATA AT PSW  0001D0B0 - 000207FB  0A0D0000  0001C028
                      GPR  0-3  00000001  800003E6  000003E6  010351D8
                      GPR  4-7  0001DBCC  000351F4  00035208  00034E28
                      GPR  8-11 00000008  0001CEFA  0000ABD8  B401CF7E
                      GPR 12-15 0001C028  0001C044  7401CF88  00013650
                    END OF SYMPTOM DUMP
15.47.07 JOB 1446  -                                 - - - -EXCP  COUNTS- - -  --PROCESSOR UTILIZATION-- ---REGION USED---
15.47.07 JOB 1446  -JOBNAME  STEPNAME PROGRAM    RC    DISK   TAPE    VIO  OTHER    TCB      SRB   PERCENT  PRIVATE EXTENDED

15.47.07 JOB 1446  -LHN$5051 CULPRIT  CULPRIT   0998    55      0      0      0     1.59      .26   7.70%    1040K    2048

15.47.07 JOB 1446  $M4;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M3;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M2;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  $M1;F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446      F INTERAPP,TO LHN JOB LHN$5051 ENDED
15.47.07 JOB 1446  -LHN$5051 UMSG     SMSG      0000      0      0      0      0      .02      .00  15.38%       8K       4K
15.47.07 JOB 1446  -LHN$5051 UMSG     SMSG     FLUSH      0      0      0      0      .00      .00    .00%       0K       0K
15.47.07 JOB 1446  -LHN$5051 -------- -------- ----- ------ ------ ------ ------ -------- --------  ------ -------- --------
15.47.07 JOB 1446  -LHN$5051 ***JOB SUMMARY***  0998     55      0      0      0     1.61      .26   7.66%    1040K    2048K
15.47.08 JOB 1446  $ LHN$5051 ENDED
```

The CULPRIT step abended in an OS/390 5-step job. The abend code is 998.

5.2 Range 00 - 99 abend codes

Abend Code	Description

11	Indicates that the input module was unable to open the named input file in a match-file run. It follows:
	`MATCH ERROR ON FILE file name`
	`RECORD NUMBER IS record count`
	`ERROR ON OPEN`
	Modules: CULL

22	Indicates that an I/O error occurred reading the named input file in a match-file run. It follows:
	`MATCH ERROR ON FILE file name`
	`RECORD NUMBER IS record count`
	`I/O ERROR ON READ`
	Modules: CULL

33	Indicates that CA-CULPRIT encountered a variable-length record that was longer than the maximum record size specified for the match file. The record size is specified on the INPUT parameter defining the named match file. It follows:
	`MATCH ERROR ON FILE file name`
	`RECORD NUMBER IS record count`
	`RECORD SIZE IS GREATER THAN record size`
	Modules: CULL

99	Indicates that CA-CULPRIT abended with the system abend code indicated in the CULPRIT controller messages listing. Refer to the appropriate operating systems manual to determine the cause of the termination. A dump may occur depending on the system abend code. It follows:
	`CA-CULPRIT JOB CANCELLED AFTER program-name`
	`(CONT) SYSTEM ABEND CODE = code`
	Modules: CULPRIT

5.3 Range 100 - 9999 abend codes

Abend Code	Description
100	Indicates that a system internal error occurred because the space calculated for the named table was exceeded. A dump is generated. It follows: `ABEND 100, TABLE OVERFLOW - table-name` **Modules: CULL, CULE**

	Indicates that CA-Culprit could not obtain enough storage for the named table in the specified module of the precompile phase. A dump is generated. It follows:
	`RUN CANCELLED DUE TO INSUFFICIENT STORAGE FOR csect/table-name`
	`(CONT)NUMBER OF BYTES REQUESTED bytes`
	Modules: CULP0

101	Indicates that CA-Culprit exceeded the record length specified in the JCL for the extracted items and statistics file. The record length is the sum of the following, rounded up to a multiple of 4:
	■ The number of characters in the sort fields
	■ The number of sort keys plus 16 bytes
	■ The maximum number of characters in variable fields on one detail line
	A dump is generated. This abend code follows these messages:
	`LOGIC ERROR, DCBLRECL EXCEEDED BY CULL`
	`(CONT) CONTACT CULLINET TECHNICAL SUPPORT`
	Modules: CULL

102	This abend results when the reports are not sorted and the JCL does not include a NOSORT file. Reports that do not include a SORT parameter or specify the NOSORT option on the SORT parameter must be written to the file defined by ddname SYS008 (or the installation default). This abend code follows: `NOSORT DATASET IS A NULL FILE` **Modules: CULL**

Abend Code	Description

200	Generates a dump. This abend code occurs for one of the following reasons:
	■ A Culprit system error.
	■ An unrecognizable record on the sorted extracted items and statistics file.
	■ A JCL error. If you run 1-step Culprit jobs, check the JCL statement for the extract file (the default is SYS006).
	If you run 5-step Culprit jobs, check the JCL statements for:
	– The extract file in the CULL step
	– The input file to the SORT step
	– The input file to the CULE step
	The default for each step is SYS006.
	This abend code follows:
	`Culprit SYSTEM ERROR.`
	`ABEND 200`
	Modules: CULE

	VSE/ESA users only — Results when not enough work space is allocated to link the CULL program. Relink CULL with a larger work space or decrease the complexity or number of reports in the run. This abend code follows:
	`RUN CANCELLED DUE TO INSUFFICIENT STORAGE`
	`(CONT)MODULE, TABLE OR BUFFER - name`
	`(CONT)ADDITIONAL BYTES NEEDED - bytes`
	Note: *Bytes* indicates only the number of bytes needed for the named module, table, or buffer. This number should be considered a minimum size increase; more space may be allocated by CA-Culprit later in the step.
	Modules: CULL

	VSE/ESA users only — Results when the record length of the Extracted Items and Statistics file exceeds the block size defined for that file in the profile CSECT (CULXPROF). For more information about CULXPROF, refer to CA-IDMS installation manual for your operating system. This abend code follows: `EXTRACT RECORD LENGTH EXCEEDS BLKSIZE FOR file-name` **Modules: CULL**

Abend Code	Description
201	Results when a system error occurs while trying to write a line to the printer when the output file is closed. A dump is generated. **Modules: CULE**
205	Results when CA-Culprit calls PANVALET to resolve an =COPY or an =MACRO request, but the PANDD1 statement is missing. **Modules: CULP0**
500	Results when CA-Culprit unsuccessfully attempts to open an extracted items, NOSORT, or work file. The JCL may contain an error. A dump is generated for work-file errors only. This abend code follows: `UNABLE TO OPEN file-name` **Modules: CULE**
	Results when CA-Culprit failed to open an output print file (the default ddname is SYS004). The JCL may contain an error. **Modules: CULP0, CULL, CULE**
	Results when the SYSIN DD statement does not exist in the JCL stream. **Modules: CULP0**
988 - 997	Result when CA-Culprit performs extended error handling for a data error, but was unable to resume processing. A dump is generated. The abend codes follow: `INTERNAL ERROR - RECOVERY CANNOT CONTINUE` **Modules: CULL**
998	Results when a subscript used to reference a field on a SELECT/BYPASS parameter contains a negative or nonnumeric value. It follows: `INVALID SUBSCRIPT VALUE IN SELECTION PROCESS` **Modules: CULL**
999	CA-Culprit exceeded the number of numeric data errors specified by the user and performed the default or user-specified error action: ABEND. For more information about methods to control these errors, see Chapter 4, “Extended Error Handling Facility” on page 4-1. The abend code follows: `RUN TERMINATED AT USER'S REQUEST` **Modules: CULE**

Abend Code	Description

	An unidentifiable program check occurred for which CA-Culprit generates a dump. You cannot override this abend code. It follows:
	`PROGRAM CHECK INTERRUPT`
	`REG7 POINTS TO PSW AND REGS0-15`
	Modules: CULL

	CA-Culprit exceeded the default or user-supplied limit for numeric data errors in the edit step. The system default is 0 (zero). You can override this limit and can change the ABEND code by using the OE= option on the PROFILE parameter, as described in the *CA-Culprit Reference Guide*. Possible causes of this error are: ■ Invalid numeric sort keys ■ Errors in a user output module CA-Culprit generates a dump unless the OE= option cancels it. This abend code follows: `CANCEL AT USER REQUEST - ABEND 999` **Modules: CULE**

2222	**CA-IDMS/DB users only** — Occurs when CA-Culprit encounters an error trying to access the data dictionary, causing CA-IDMS/DB to abort. The abend code follows:
	`ABORTING CULPDRES - idms-version culprit version`
	`(CONT) DML SEQUENCE - dml-sequence`
	`(CONT) ERROR STATUS - error-status`
	`(CONT) ERROR RECORD - error-record`
	`(CONT) ERROR SET - error-set`
	`(CONT) ERROR AREA - error-area`
	`(CONT) LAST GOOD RECORD - record-name`
	`(CONT) LAST GOOD AREA - area-name`
	For more information about this abend code, refer to *CA-IDMS Messages and Codes*.
	Modules: CULP0

Chapter 6. RSUB Codes

6.1 About RSUB codes 6-3
6.2 Sequential Parameter Listing 6-4
6.3 Input Parameter Listing 6-5

6.1 About RSUB codes

IDMSRSUB is an CA-IDMS/DB program that handles all requests for tables Culprit issues. RSUB codes are generated any time a table function passes a nonzero return code to CA-Culprit. TDB (table definition block) codes always accompany RSUB codes. The table definition block is used to pass information between CA-Culprit and IDMSRSUB.

CA-Culprit prints RSUB codes on the Sequential Parameter Listing and the Input Parameter Listing.

6.2 Sequential Parameter Listing

CA-Culprit prints a Sequential Parameter Listing after errors occur when trying to access a table specified on the INPUT parameter. The report below shows an example:

```
04/29/99              SEQUENTIAL PARAMETER LISTING   CAGJF0 V15.0  PAGE     1
 00 ** SYSIN **                            DATABASE DICTNAME=ASFDICT
                                           PROFILE USER=DOC2 PW=
   C200138 INSTALLATION SECURITY OPTION IS NO
                                           INPUT TABLE=ACCOUNTING
W C200074 KEYWORD EXPECTED - TYPE=
  (CONT)  CULPRIT WILL SUBSTITUTE TYPE=COPY
E C700020 IDB GET TABLE ERROR DC551040 (E) CATALOG ERROR: TABLE WAS NOT FOUND

  (CONT)  RSUB RETURN CODE: 0040                                          RSUB and TDB code CA-CULPRIT
  (CONT)  TDB  MINOR  CODE: 002   <---------------------------------------- prints after attempting to
                                                                          access table ACCOUNTING.
W C700048 CULPRIT IS UNABLE TO GENERATE A PATH CARD.  DATA DICTIONARY
  LOOKUP IS ALSO SUPPRESSED, AND THIS WILL BE THE CAUSE OF OTHER ERRORS
                                        0151*001 DEPT-NAME
                                        0151*002 EMP-ID
                                        0151*003 EMP-NAME
F C200229 PATH PARAMETER IS REQUIRED
```

6.3 Input Parameter Listing

CA-Culprit prints an Input Parameter Listing after errors occur on the following parameters:

- An OUTPUT parameter that specifies CREATE, ADD, REPLACE, DELETE, or GENERATE
- A type 5 or type 6 edit parameter that has errors

RSUB codes can also appear just before the EXTRACT WILL BE PERFORMED message.

RSUB Codes Produced by CA-Culprit: The table below lists each RSUB code that CA-Culprit reports along with a short description:

Code	Description	Recovery
0005	IDMSRGEN is in use.	Try again later.
0007	Error status code 1211 encountered in data conversion.	Call your DBA.
0010	The requested table is in use.	Try again later.
0011	The table cannot be deleted.	
0015	The table cannot be generated to CA-IDMS/DB area.	Call your DBA.
0040	A catalog error occurred.	Call your DBA.
0100	The area cannot be found for GENERATE.	Correct the name of the area on the AREA= keyword expression.
0101	The area specified is not an extent area.	Correct the name of the area on the AREA= keyword expression.
0171	The primary, secondary, or maximum number of rows exceeds the greatest number of bytes possible.	Correct the size specified on the SIZE= keyword expression.
0172	The number of bytes exceeds the maximum allowed.	Correct the size specified on the SIZE= keyword expression.
0173	Space is not available for the table.	Call your DBA.

Appendix A. Messages Listed in Alphabetical Order

A.1 CA-Culprit messages A-3

A.1 CA-Culprit messages

The table below cross-references each CA-Culprit message to its message ID. The messages appear in alphabetical order.

Message	Message ID
A KEY-VALUE EXPRESSION IS REQUIRED IN YOUR WHERE CLAUSE	C850036
ABEND 100, TABLE OVERFLOW - table-name	C750016
ABORTING CULPDRES idms/r-version culprit-version	C200086
ACCESS NOT AUTHORIZED FOR FILE/SUBSCHEMA	C200171
ADSOOPTI MODULE NOT FOUND	C700060
ALL SUCCEEDING PARAMETERS IGNORED	C200188
ALPHA OR NUMERIC WORK FIELDS EXCEED 32K	C300081
ALPHA PARAMETER LEFT JUSTIFIED	C200040
ALTERNATE ASSIGN INVALID	C200028
AN OUT OF SEQUENCE CONDITION HAS ARISEN	C350058
ARG X TOO LARGE. VALUE = 999999999999912345678	C000002
ARG 1 (CONVERSION CODE) VALUE arg1-code	C025002
ARG 2 (KEY LENGTH) VALUE arg2-code INVALID FOR	C025003
ARG 4 (RETURN RECORD LENGTH) INVALID OR NOT SET	C025004
ARGUMENT IS INVALID	C200077
ARG1 (BIT STRING ADDRESS) NOT INITIALIZED	C050001
ARG1 (SENDING FIELD ADDRESS) NOT INITIALIZED	C045001
ARG1 (START ADDRESS) NOT INITIALIZED	C046001
ARG1 NOT INITIALIZED	C048001
ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED	C045002
ARG2 (RECEIVING FIELD ADDRESS) NOT INITIALIZED	C050002
ARG2 (SEARCH CHARACTER ADDRESS) NOT INITIALIZED	C046002
ARG3 (LENGTH) IS NEGATIVE OR 0	C050005
ARG3 (LENGTH) NOT IN 8 BYTE PACKED FIELD	C050004
ARG3 (LENGTH) NOT INITIALIZED	C050003
ARG3 (LENGTH RETURN ADDRESS) NOT INITIALIZED	C046003

Message	Message ID
ARG3 OR ARG4 (LENGTH) IS NEGATIVE	C045004
ARG3 OR ARG4 (LENGTH) NOT IN 8 BYTE PACKED FIELD	C045003
ARG3 OR ARG4 (LENGTHS) NOT 8 BYTE PACKED	C046005
ARG4 (SEARCH LENGTH) IS NEGATIVE	C046006
ARG4 (SEARCH LENGTH ADDRESS) NOT INITIALIZED	C046004
ASSUMING KEY FOR IDMS ACCESS	C200017
ATTEMPT TO DELETE TABLE AFTER ERROR FAILED	C700040
AUTO-ATTRIBUTES IS auto-attribute-option	C200186
AUTO-HEADER EXTENDS BEYOND RECORD	C300071
AUTO-HEADER GENERATED LINE NUMBER EXCEEDS 8 rrllpppp	C200120
AUTO-HEADER LITERAL OVERFLOW	C200021
AUTO-HEADER ORIGIN CODE INVALID	C200020
AUTO-HEADER REQUEST CANNOT BE RESOLVED rrllpppp	C200119
AUTO-HEADERS NOT GENERATED — POSITION IS ZERO	C200118
AUTO-HEADERS ON BOTH 5-CARDS AND 6-CARDS	C200117
AUTO-HEADERS ON 6-CARD BUT NOT T-ONLY REPORT	C200116
BACKWARD SEQUENCE NUMBER REFERENCE MAY CAUSE LOOP	C300050
BAD RESTART PARAMETER	C750019
BAD RETURN CODE FROM GNRC. ABORT	C200208
BASE FILE INCONSISTENT WITH PRIOR	C400018
BASE RECORD READ ERROR, STATUS = idms-error-status	C850004
BIND ERROR, STATUS = idms-error-status	C750051
BIND ERROR, STATUS = idms-error-status	C850002
BLOCK SIZE CHANGED TO NEXT MULTIPLE OF RECORD SIZE	C200037
BLOCK SIZE MISSING OR INVALID	C200032
BLOCK SIZE MISSING OR INVALID	C300013
CALCULATED LRECL EXCEEDS FILE SPECIFICATION	C300103
CALL CANCELLED, 25 MODULES HAVE ALREADY BEEN CALLED	C000001

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CANCEL OF REPORT	C750005
CANCEL WITH DUMP TO AID PROBLEM DIAGNOSIS	C200239
CANNOT OPEN (CLOSE) SUPPORT FILE ffff-ssss	C400012
CARD TYPE IS INVALID	C300006
CARRIAGE CONTROL IS INVALID	C200129
CARRIAGE CONTROL IS INVALID	C300041
CHANGE CARD TABLE OVERFLOW	C200065
CODE NOT DEFINED	C064004
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COMPARE FIELDS ARE UNEQUAL - SMALLER FIELD IS USED	C300060
CONDITION NAME NOT VALID IN ARITHMETIC EXPRESSION	C200219
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CONTROL BREAK CODE INVALID	C300027
CONTROL CARD INVALID	C200067
CULP HAS CORRECTED YOUR COLUMN SPECIFICATION	C300122
CULPRIT INPUT BUFFER CAPACITY EXCEEDED	C200135
CULPRIT IS UNABLE TO GENERATE A PATH CARD.	C700048
CULPRIT JOB CANCELLED AFTER program-name	C700007
CULPRIT SYSTEM ERROR	C110006
CULPRIT SYSTEM ERROR HAS OCCURRED DURING device-type	C750021
CULPRIT SYSTEM ERROR. ABEND 200	C750018
CULPRIT/DIRECTORY INTERFACE culpdres-version-number	C200084
CURRENT TERMINAL NODE HAS INVALID BR CODE. ABORT	C200204
DATA ERRORS IN INPUT MODULE HAVE EXCEEDED	C350035
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DATA TYPE IS INVALID	C300022
DCBLRECL DIFFERS FROM SPECIFIED RECORD SIZE FOR file-name	C350013
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DECIMAL DIVIDE EXCEPTION IN REPORT report-number	C750012
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E-LEVEL ERROR DETECTED IN, CULP0 STEP	C800004
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ERROR ISSUED FROM SQL CREATE TABLE	C700063
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F-LEVEL ERROR DETECTED IN CULP0 STEP	C300078
F-LEVEL ERROR DETECTED IN CULP0 STEP	C800003
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FATAL ERRORS - EXTRACT NOT PERFORMED	C450005
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FIELD NAME INVALID	C200178
FIELD NAME IS INVALID	C300057
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FIELD NAME UNKNOWN TO DICTIONARY field-name	C200106
FIELD NAME UNKNOWN TO LEGAL RECORD field-name	C200105
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FIELD POSITION EXTENDS BEYOND RECORD	C300024
FIELD POSITION EXTENDS BEYOND RECORD	C300067
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FIELD SIZE EXCEEDS LIMIT FOR CONVERT	C300120
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FORMAT CODE IS INVALID	C300064
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IDB ADD FIELD ERROR	C700030
IDB ADD TABLE ERROR	C700027
IDB DELETE ERROR	C700039
IDB GENERATE ERROR	C700033
IDB GET FIELD ERROR	C700024
IDB GET TABLE ERROR	C700021
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IDB SIGNON ERROR	C700018
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IDMS ERROR STATUS = idms-error-status	C850011
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KEYFIELD NAME INVALID key-field-name	C200113
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KEYFILE READ ERROR	C850010
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KEYWORD EXPECTED keyword	C200074
KEYWORD NAME NOT VALID IN ARITHMETIC EXPRESSION	C200220
KEYWORD ONLY VALID FOR DATA TABLES	C202008
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KEYWORD PARAMETER INVALID keyword-option	C200034
LABEL TYPE IS INVALID	C200035
LABEL TYPE IS INVALID	C300010
LAST TWO DIGITS OF DDNAME ddname/file-name	C120001
LAST XDE IN USER WHERE CLAUSE IS INVALID	C850035
LEFT PAREN MISSING	C200177
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LENGTH OF FIRST LITERAL VALUE USED	C200141
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LINE NUMBER IS INVALID	C200128
LINE NUMBER IS INVALID	C300038
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LINES/PAGE INVALID	C300028
LINK GROUP UNDEFINED link-group-id	C300089
LITERAL IS INVALID	C200014
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MATCH KEY DATA TYPE CONFLICTS WITH PREVIOUS KEY	C200027
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MAXIMUM NUMBER OF FILES EXCEEDED	C200136
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MAXIMUM NUMBER OF IDMS RECORD NAMES EXCEEDED	C800008
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MEMBER RECORD READ ERROR, STATUS = idms-error-status	C850006
=MEND MISSING	C200061
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MOVE FIELDS UNEQUAL-RESULT LENGTH USED	C300061
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NO ENDING APOSTROPHE	C300034
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NO FILE NAME SPECIFIED	C200172
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NO INPUT CARD FOUND FOR FILE file-number	C200063
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NO PARAMETER INPUT - JOB ENDED	C300000
NO ROOM FOR RENUMBERED RESULT SEQUENCE NUMBER	C200248
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NO VALID REPORT-SPECIFIC PARAMETERS	C300059
NODE PASSED FROM CALLER IS IN ERROR. ABORT	C200203
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NON NUMERIC ENTRY FOR ffffffff	C400014
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NON-EXISTENT RECORD NAME record-name	C200099
NON-NUMERIC DUPLICATION FACTOR	C300099
NON-NUMERIC ENTRY ON DICTIONARY FIL PARAMETER	C500011
NON-NUMERIC LENGTH ON PFD OR KEY FILE	C500012
NON-NUMERIC PARAMETER	C200023
NON-NUMERIC START POSITION ON LFD	C500010
NOSORT DATASET IS A NULLFILE	C350012
NO SQLCA. QRFCDSI RETURN CODE:	C700058
NO STORAGE AVAILABLE	C064002
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NULL INDICATOR MISSING FOR PREVIOUS SQL CALL	C700070

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NULL INDICATOR MUST BE SZ=4	C300128
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NUMBER OF MATCH KEY NUMERIC ERRORS HAS EXCEEDED error-limit	C350052
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NUMBER OF OCCURRENCES MISSING	C300087
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NUMBER OF SEQUENCE ERRORS HAS EXCEEDED me-error-limit	C350059
NUMERIC PARAMETER RIGHT JUSTIFIED	C200024
OCCURRENCE SIZE IS INVALID	C300086
OCCURS DEPENDING ON CTL FIELD NOT HALF OR FULLWORD	C200217
ONLINE= Y UNAVAILABLE IN LOCAL MODE	C700059
OPEN AREAS ERROR, STATUS = idms-error-status	C850003
OPEN ERROR ON MASTER FILE	C450010
OPEN ERROR ON VARIABLE FILE	C450011
OPENx ERROR ON	C450001
OPERAND(S) MISSING	C200069
OPERAND EXCEEDS LIMIT OF 16 CHARACTERS	C202005
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PARAM= OPTION INVALID	C200050
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PASSWORD MISSING OR INVALID	C200148
PATH MAY ONLY HAVE 1 LOGICAL RECORD	C200192
PATH PARAMETER IS REQUIRED	C200229
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PATH-ID ASSUMED **	C200015
PATH-ID INVALID OR DUPLICATED	C200147
POSITION INVALID	C200123
PRINTED OUTPUT RECORD SIZE EXCEEDS 132	C300075
PROFILE OPTION IN EFFECT: RELEASE = release-number	C300119
PROGRAM CHECK INTERRUPT	C350046
PROGRAM CHECK OCCURRED DURING EXECUTION OF INPUT/USER PROCEDURE MODULE	C350041
QRFCDSI RETURN CODE: nnnn	C700064
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RDAM FILE COUNT EXCEEDS MAXIMUM	C500002
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RDAM SIGNOFF ERROR	C550013
RDAM SIGNON ERROR	C550001
RDAM XREF RECORD NOT FOUND	C550009
READ ERROR	C400003
READ ERROR ON MASTER FILE	C450006
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REC CARD DROPPED - START POSITION IS INVALID	C200053
REC LENGTH OF EXTRACT FILE LESS THAN MINIMUM	C300104
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RECORD DESCRIPTION OVERRIDE ATTEMPT	C200174
RECORD LEVEL IS INVALID	C200144
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RECORD SIZE IS GREATER THAN record-size	C350070
RECORD SIZE IS MISSING OR INVALID	C200030
RECORD SIZE record-size IS NOT A MULTIPLE OF LRECL	C120013
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RECORD TYPE IS INVALID	C200031
RECORD TYPE IS INVALID	C300012
RECORDS WRITTEN FOR REPORT rr — nnn	C750009
RECSIZE OR BLKSIZE WRONG FOR CARD FILE	C300014
REFERENCE MUST USE SUBSCRIPT PARAMETER	C300094
REP. ALL MASTER RECORD NOT FOUND KEY = kkk	C450004
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REPORT NUMBER IS INVALID	C300005
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REPORT TERMINATED FOR INVALID KEYWORD.	C140004
REPORT TERMINATED FOR INVALID MODULE CONTROL SWITCH	C140001
REPORT TERMINATED FOR NON MATCHING REPORT NUMBERS	C140003
REPORT TERMINATED FOR ONE OF THE FOLLOWING REASONS:	C140006
REPORT TERMINATED FOR READER INPUT ERROR	C140002
REPORT TERMINATED FOR THE FOLLOWING REASON:	C140007
REPORT TERMINATED FOR UNRECOGNIZABLE VSE/POWER RETURN CODE	C140005
REQUEST FOR VSAM GET WAS REJECTED	C110002
RESTART REPORT(S) NOT FOUND.	C750020
RESULT FIELD IS INVALID	C200018
RESULT FIELD IS INVALID	C300049
RESULT FIELD LEFT UNCHANGED sequence-number	C200045
RESULT SEQUENCE IS INVALID	C300046
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RIGHT PARENTHESIS INSERTED	C200007
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RUN CANCELLED	C750004
RUN CANCELLED DUE TO INSUFFICIENT STORAGE	C300031
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